

Aton CLT 615^{ISDN}

User manual



Aton CLT615^{ISDN} – your perfect companion

... impressive inside and out. Go crazy for the vibrant 3.5" TFT display, first-class sound quality and elegant exterior. Your Aton can do a lot more than just make calls:

Bluetooth, Ethernet, DECT and FAX port

Connect your Aton to the Internet and your PC via Ethernet. Use your public and private directories on the Internet (→ [page 61](#)). Update the directory on your Aton, the directory on your Bluetooth mobile and your directory on the PC simultaneously.

Directory for up to 750 vCards – calendar and appointments

Save phone numbers and other data to the local directory (→ [page 56](#)). Enter appointments and birthdays in the calendar and set reminders (→ [page 92](#)).

Use your Aton as a PABX

Register up to six handsets and a fax machine and use the three phone answering machines. Assign each device its own phone number (MSN).

It's easy to configure your Aton thanks to the wizards

They help you to programme the MSNs for your ISDN connection (provider-specific), register your handsets and assign send and receive MSNs to the desktop phone, handsets, fax machine and integrated answering machine (→ [page 19](#)).

Go online with your Aton

Use your phone's info centre and have information specifically provided for the phone from the Internet shown on the display (→ [page 78](#)).

Do not disturb

Switch off the display backlight at night (→ [page 110](#)), use time control for calls (→ [page 112](#)) or reject unknown calls (→ [page 112](#)).

Other practical information

Transfer the directory from an existing Aton handset (→ [page 59](#)), use the programmable function keys (→ [page 107](#)) for quick dial or quick access to important functions, use the convenient headset to make calls (with cord → [page 106](#) or Bluetooth → [page 103](#)), skip back five seconds when listening to answering machine messages to repeat the last section (→ [page 81](#)), use your phone to read your e-mail (without a PC).

Environment

Be environmentally aware when using your phone. For details of our **Eco Mode** products, visit www.swisscom.ch.

Getting started/new firmware








If the Ethernet connection cable is plugged in, the latest firmware version is automatically requested from the Gigaset server. If a newer version of the firmware is available, the software update can be activated and the device's existing software is replaced.

For more information about your phone, visit
www.swisscom.ch

Have fun using your new phone!

Please note

To change the display language, proceed as follows (→ **page 108):**

- ▶ Press right on the control key .
- ▶ Press the following keys in sequence:     .
- ▶ Press the control key  to move up or down until the correct language is selected.
Then press the right display key.

Base overview



1 Adjust volume = quieter; = louder
During a call/message playback: handsfree/
receiver volume;
When an external call is being signalled:
ringer volume

2 Display

3 Display keys (programmable; [page 31](#),
[page 107](#))

In the menu: open a menu for further func-
tions

4 Message key ([page 55](#))

Access to call and message lists;

Flashes: new message/call or new firmware av-
ailable

5 End/back key (red)

End, cancel function, go back one menu level
(press briefly); back to idle status (press and
hold)

6 Function keys (programmable; [page 107](#))

7 Redial

Open redial list ([page 52](#))

8 Handsfree key

9 Mute key

During a call: activate/deactivate microphone

10 * key

Activate/deactivate ringer (press and hold);
Text input: special characters table

11 Back key for answering machine

During playback: back to the start of the mes-
sage/previous message

12 Playing back messages

Activate/deactivate message playback

13 On/off key for answering machine

Activate/deactivate assigned answering
machine(s) ([page 82](#))

14 # key

For text input: switch between upper/lower
case letters and digits

15 Control key ([page 30](#))

16 Microphone

Display icons

Display in idle status (example)

| | | |
|--------------------|----------|-------|
| Base status | | 06:30 |
| (two lines) | 02 | |
| Current month/year | Mar 2010 | |
| Time | 13:52 | |
| Internal name | INT 1 | |

Appointment entered in the calendar (page 92)

Current date

Status display in the headers: The following icons are displayed dependent on the settings and the operating status of your base:

- Answering machine icon
- 1/2/3 numbers of the activated answering machines (orange = on)
- Eco Mode+ activated (white), Eco Mode+ and Eco Mode activated (green) (page 91)
- Bluetooth activated (page 99) additionally if Bluetooth headset connected, additionally if Bluetooth GSM mobile connected
- Ringer deactivated (page 112) Replaced by , when alert tone activated
- Alarm clock switched on and wake-up time set (page 94)

Number of new messages:

- ◆ In the missed alarms list (page 93)
- ◆ In the SMS list (page 69) or e-mail list (page 75)
- ◆ In the missed calls list (page 55)
- ◆ On the network mailbox (page 90)

Signalling:

External call (page 41)



Internal call (page 97)



Answering machine is recording (page 81)



Alarm (page 94)



Appointment (page 92)/anniversary (page 61)



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Safety precautions

Warning

Read the safety precautions and the user guide before use.

Explain their content and the potential hazards associated with using the telephone to your children.



Use only the power adapter supplied, as indicated on the underside of the base.

Use only the cables supplied for fax, ISDN, LAN and receiver connection and connect these to the intended port only.



Using your telephone may affect nearby medical equipment. Be aware of the technical conditions in your particular environment e.g., doctor's surgery.



Do not install the phone in a bathroom or shower room. The phone is not splash-proof.



Do not use your phone in environments with a potential explosion hazard (e.g., paint shops).



If you give your phone to a third party, make sure you also give them the user guide.



Remove faulty telephones from use or have them repaired by our Service team, as they could interfere with other wireless services.



Information about disposal

Batteries should not be disposed of in general household waste. Observe the local waste disposal regulations, details of which can be obtained from your local authority or the dealer you purchased the product from.

At the end of its service life, this product must not be disposed of with normal household waste, but must be handed in at the place of purchase or at a collection point for recycling electrical and electronic devices in accordance with the ordinance governing the return, acceptance and disposal of electrical and electronic equipment (VREG).

The materials can be recycled according to their identification. By reusing and recycling materials along with other methods of recycling used equipment, you can make an important contribution to protecting the environment.

Please note

- ◆ Please note that only terminals that are operated in-house (inside buildings) may be connected to ISDN connections.
- ◆ Not all functions described in this user guide are available in all countries and with all providers.

Environmental benefits of the Aton CLT615^{ISDN}

The Aton CLT615^{ISDN} has a low level of energy consumption and reduces radiation.

Reduced power consumption

Your telephone has a power-saving adapter plug and uses 60% less power than standard devices. Power consumption in standby mode is approx. 3.6 watt.

Minimal radiation

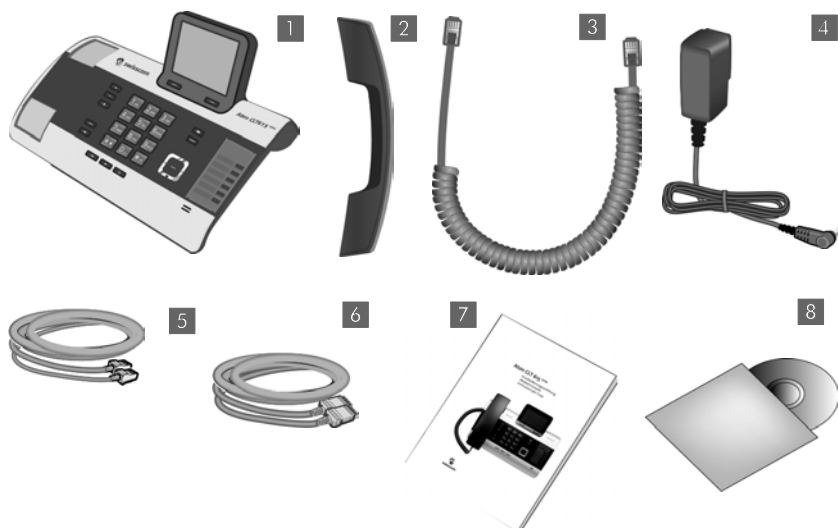
The Aton CLT615^{ISDN} with its **Eco Mode plus** switches off all radiation when in idle status. During a call, the handset reduces the transmission power according to the distance from the base station.

In addition, you also have the option of further reducing the transmission power of your Aton CLT615^{ISDN} during a call by reducing the range.

Detailed information → [page 91](#).

First steps

Checking the package contents



- 1 One base
- 2 One receiver to be connected to the base
- 3 One (coiled) cable for connecting the receiver to the base
- 4 One power cable for connecting the base to the mains power supply
- 5 One phone cable for connecting the base to the ISDN (8-pin with 2 mini western jacks 8/8)
- 6 One Ethernet (LAN) cable (Cat 5 with 2 RJ45 modular jacks) for connecting the base to a router (LAN/Internet) or PC
- 7 One quick user guide
- 8 One CD

Firmware updates

This user guide describes the functions of your base from firmware version 56.00.

Whenever there are new or improved functions for your Aton, firmware updates are made available for you to download to your desktop phone (→ **page 119**). If this results in operational changes for using your base, a new version of this user guide or the necessary amendments will be published on the Internet at www.swisscom.ch.

Select the product to open the relevant product page for your base, where you will find a link to the user guide.

To find out what version of firmware is currently loaded (→ **page 127**).

Setting up the base

The base is designed for use in dry rooms in a temperature range of +5°C to +45°C.

- ▶ Set up the base at a central point in the building.

Please note

If you wish to operate handsets from the base, consider the range of the base. This is up to 250 m in unobstructed outdoor areas and up to 40 m inside buildings. The range is reduced when **Eco Mode** is activated (→ **page 91**).

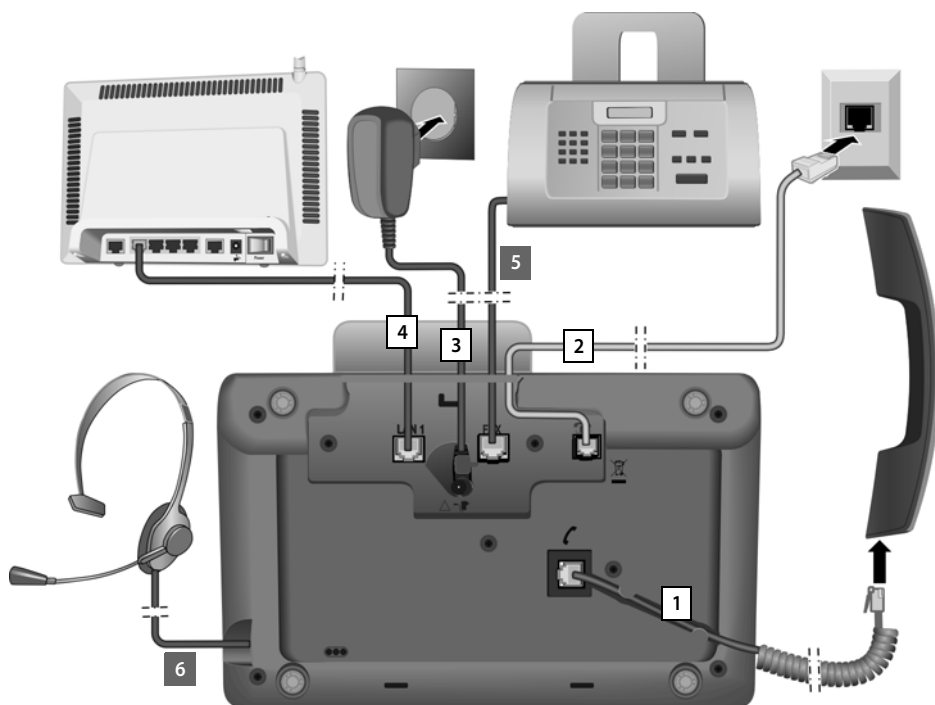
The phone's feet do not usually leave any marks on surfaces. However, due to the multitude of different varnishes and polishes used on today's furnishings, the occurrence of marks on the surfaces cannot be completely ruled out.

Warning

- ◆ Never expose the telephone to any of the following: heat sources, direct sunlight or other electrical appliances.
- ◆ Protect your Aton from moisture, dust, corrosive liquids and fumes.

Connecting the base

The following diagram is an overview of all connections for your base. The individual connections are described in detail below.



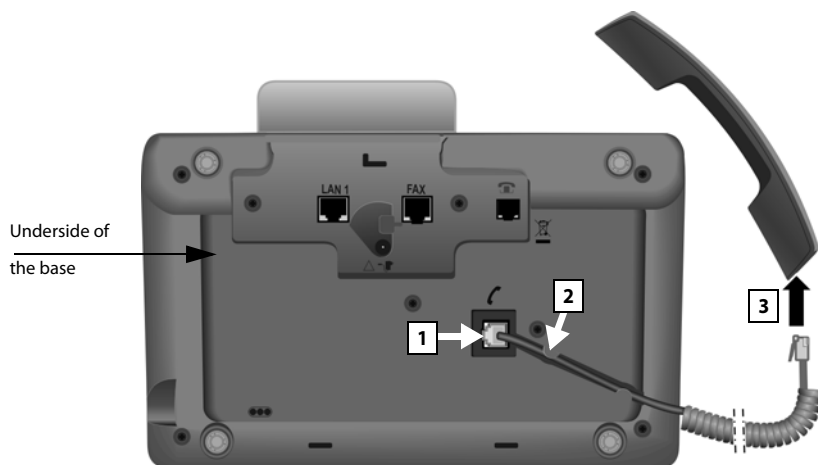
Follow the steps in the order given below:


1. Connect the receiver to the base.
2. Connect the base to the telephone network (ISDN).
3. Connect the base to the mains power supply.
4. Connect the base to the router for accessing the Internet (via router and modem or via router with integrated modem) and for configuring the base via the Web configurator.
5. Connect the base to a fax machine (→ [page 105](#)).
6. Connect a wire-bound headset to the base.

For instructions on using the headset see [page 106](#), [page 40](#) and [page 42](#).

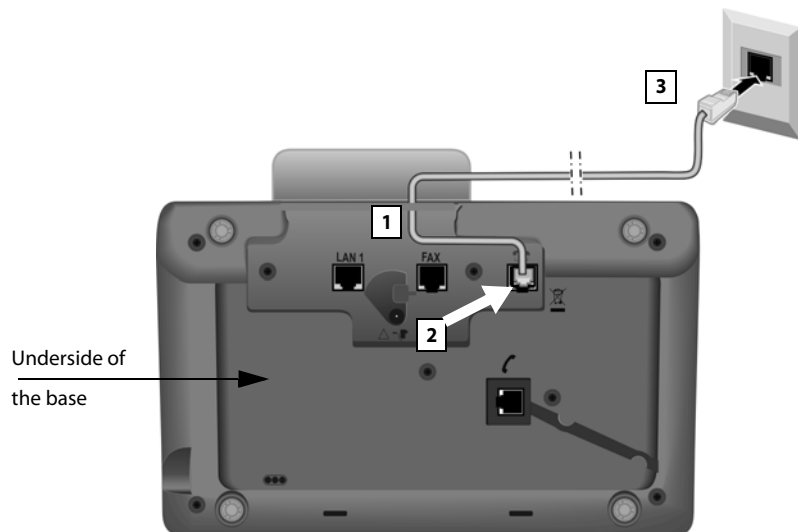
For instructions on connecting and using a Bluetooth headset (see [page 99](#), [page 40](#) and [page 42](#)).


1. Connecting the receiver to the base



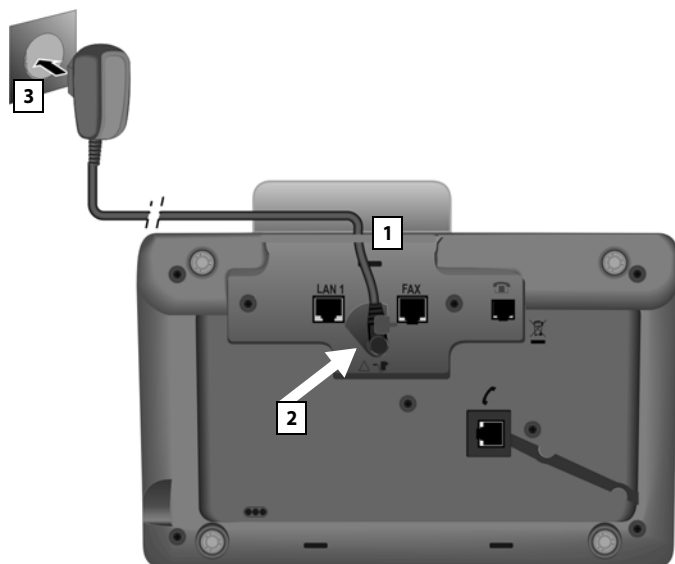
1. Insert the jack, which can be found on the longer straight end of the connection cable, into the connection port marked with the  icon on the underside of the base.
2. Place the straight part of the cable in the cable recess provided.
3. Insert the other jack on the connection cable into the port on the receiver.


2. Connecting the base to the telephone network



1. Pass one end of the phone cable (8-pin with 2 mini western jacks 8/8) from behind through the recess in the housing.
2. Plug the telephone cable into the port marked with the  icon on the underside of the base.
3. Then connect the telephone cable to the ISDN connection.

3. Connecting the base to the mains power supply



1. Insert the small jack on the power cable from the rear into the recess in the housing.
2. Plug the jack into the port marked with the  icon on the underside of the base.
- 3 **Then** connect the power cable to the mains power supply.

Warning

- ◆ Keep the power adapter **plugged in at all times** for operation, as the base does not work without a mains connection.
- ◆ Use only the power and telephone cables **supplied**.

You can now use your base to make calls and can be reached on the main number for your ISDN connection!

An answering machine on the base is set with a pre-recorded announcement in answer and record mode (→ [page 81](#)).

4. Connecting the base with a router (Internet) or PC

Your base features a LAN connection, via which you can connect the base to a router or PC.

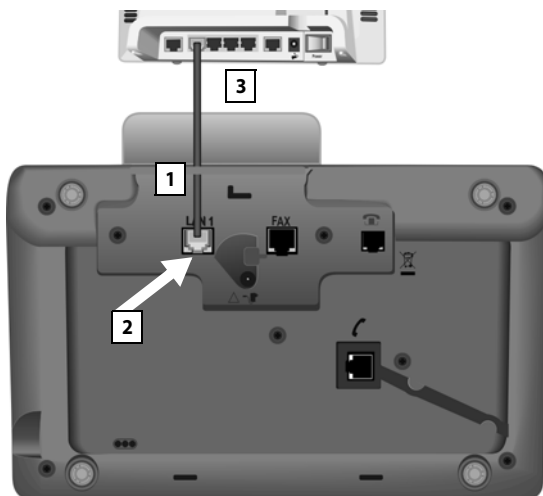
It is at your discretion as to whether to connect the base to a router and thus the Internet. However, you will require this connection if you wish to use the following features with your base:

- ◆ You wish to be notified as soon as new software is available for your base on the Internet.
- ◆ The date and time on your base should be updated by a time server on the Internet.
- ◆ You want to use info services and/or online directories (e.g. tel.search.ch) on your base.

The base will have to be connected to a PC if you wish to use the following features of your base:

- ◆ You wish to set up the base using its Web configurator.
- ◆ You wish to use the additional PC software "**Gigaset QuickSync over Ethernet**" to dial numbers via the PC (e.g., numbers from the PC directory) or to load images or melodies from the PC to your base.

For Internet access you need a router connected to the Internet via a modem (this may be integrated in the router).



1. Guide the end of the Ethernet cable provided (Cat 5 with 2 RJ45 modular jacks) from the rear through the recess in the housing.
2. Plug the jack on the Ethernet cable into the LAN port on the underside of the base.
3. Then insert the second Ethernet cable jack into a LAN port on the router or PC.

Please note

Your phone is preconfigured for dynamic assignment of the IP address. In order for your router to "recognise" the phone, dynamic IP address assignment must also be activated on the router i.e., the router's DHCP server must be activated.

If the DHCP server cannot or should not be activated, you must assign a fixed IP address to the phone.

 →  **Settings → System → Local Network**

Further information can be found in the long user guide on the enclosed CD.

Setting up the base – installation wizard

As soon as the base is connected, the installation wizard starts. The wizard allows you to make all necessary settings for your base.

The following message appears in the display.



► Press the display key **Yes** to start installation.



Please note

- ◆ The installation wizard only starts if there are no MSNs configured on the base. If there are already MSNs configured, however, you can start the ISDN wizard separately via the menu.
- ◆ Use only the installation wizard on the base, but **not** on a registered handset.

Several individual wizards are combined to form the installation wizard. The following individual wizards are included in the installation wizard:

- 1 ISDN wizard
- 2 Registration wizard (to register handsets)
- 3 Connection wizard

Please note:

- ◆ If the installation wizard is activated, no other handset can access the **Settings** menu on the base.
- ◆ To quit the installation wizard before the process is complete, press and **hold** the red end key . All changes you have already saved using **OK** are retained.
- ◆ To skip a setting, press left on the control key  or the display key **No**.

1. ISDN wizard: Entering the connection's MSNs

Several numbers (MSNs) were provided by the network provider when you received your ISDN connection confirmation. You can save up to ten numbers (MSNs) on your base. If there is no MSN entered on your base, you can do the following with the ISDN wizard:

- ◆ Manually enter the MSNs for your phone connection.

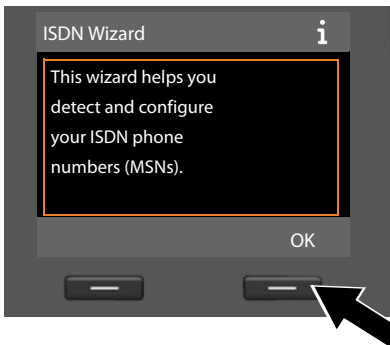
Please note:

Automatic MSN assignment is not supported. You need to manually enter the MSNs for your phone connection.

- ◆ Set the receive MSN.
- ◆ Set the send MSN.



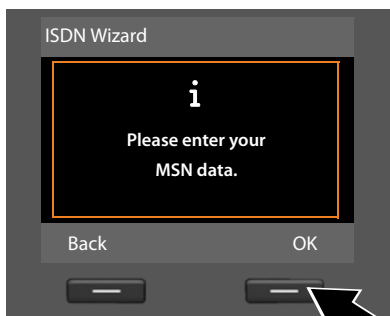
- Press the display key **Yes** to start the installation.



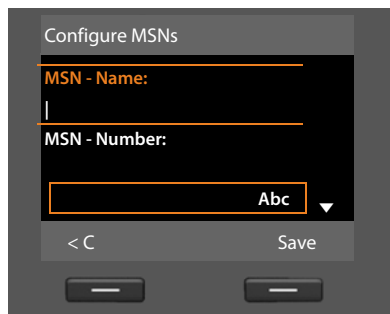
- Press the display key **OK** to start MSN configuration. This process will take some time.

Detecting your ISDN phone numbers (MSNs)... is displayed on the screen.


No MSNs detected. is shown. You are prompted to enter your MSNs manually:

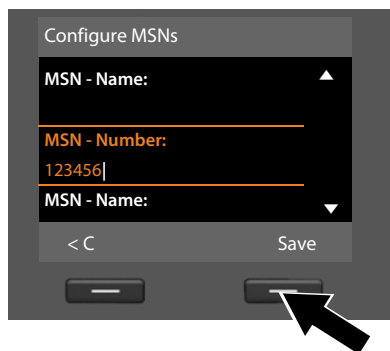


► Press the display key **OK** to enter the MSNs manually.



► Enter a name for MSN 1 via the number keys (max. 16 characters). If you do not enter anything, **MSN1** is set.

► Press **down** on the control key  to switch to entering the MSN number.



► Enter your first MSN (without area code e.g. 031 for Bern; max. 20 digits).

► Press down on the control key again to switch to the next field.

► Repeat the above procedure to enter the remaining MSNs.

► After entering the final MSN: press the display key **Save**.

The display shows **ISDN installation complete..**

2. Registration wizard

The registration wizard helps you register handsets to the base. If a handset is not registered, proceed as follows:

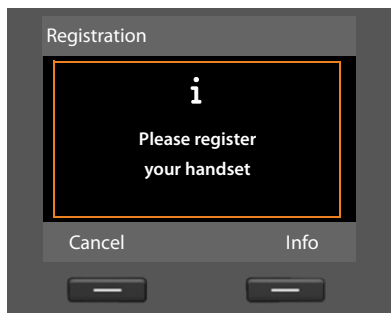


Please note

Press the left display key **No**, if you do not wish to register any handsets. This closes the registration wizard and the connection wizard is started (→ **page 24**).

To register handsets on the base at a later stage (→ **page 95**).

- ▶ Press the display key **Yes**. The base changes to registration mode.

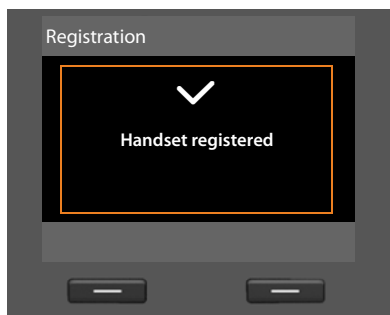


- ▶ Start the registration **on the handset** within approx. **60 seconds** according to the handset's user guide.

Info

Press the display key **Info** to display information about registering handsets.

If the handset has been successfully registered on the base, you will see the following display (for approx. three seconds):



Once an Aton handset has been successfully registered, it will change to idle status. The handset's internal name is shown on the display (**INT 2**, **INT 3** to **INT 7**).

Then "Register a handset?" is shown in the display again (see above/**page 22**).

- ▶ Press the display key **Yes** if you wish to register another handset and perform the steps listed above with this additional handset.

Press **No** to close the registration wizard and start the connection wizard.

Please note

- ◆ By default, the base is assigned the internal name **INT 1** and the internal number 1.
- ◆ The base assigns the lowest free internal number to the handset (possible numbers: 2–7). The handset's internal name is shown in the display e.g., **INT 2**. This means that the handset has been assigned the internal number 2.
- ◆ You can change the internal numbers and names later (→ **page 96**).

3. Connection wizard

The connection wizard enables you to assign previously configured connections (ISDN MSNs, → [page 20](#)) to internal parties as receive and, if applicable, as send connections. Internal parties are the base, registered handsets, the answering machine for the base as well as any FAX machine that might be connected (→ [page 105](#)).

- ◆ **Receive connections** are numbers (connections, MSNs) on which you can be called. Incoming calls are only forwarded to the internal parties (end devices) for which the relevant connection is assigned as receive connection.
- ◆ **Send connections** are the numbers (MSNs) that are sent to the called party. The network provider calculates charges based on the send connections. You can assign each internal party a number or the associated connection (MSN) as a permanent send connection.
- ◆ Each connection (number) of your phone can be both a send as well as a receive connection. You can assign each connection to several internal parties as send and/or receive connection. It may only be assigned to an answering machine as a receive connection.

Default assignment

All configured connections are assigned as receive connections to the base, the registered handsets and the local answering machine 1 at registration/start-up. All devices are assigned the first MSN in the configuration (MSN1) as the send connection. If no MSNs are configured, the main number of the ISDN connection is used.

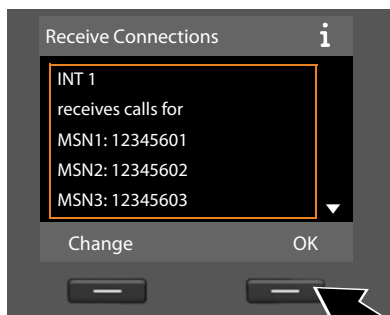
Starting the connection wizard

a.



- Press the display key **Yes** if you wish to change the setting for the send and receive connections of the **base** (internal name **INT 1**).
- Press the display key **No** if you do not wish to change the setting for the base.

b.



The list of receive connections currently assigned is displayed.

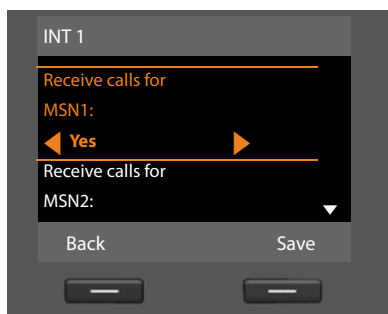
Press down on the control key to scroll through the list if necessary.

- ▶ Press the display key **Change** if you wish to change the receive connection setting for the base.
- ▶ Press the display key **OK** if you do not wish to change the setting.

Press **OK** to skip the following steps. Continue from → **e.**

Press **Change** to display the following:

c.



If you do not want calls to MSN1 signalled on the base:

- ▶ Press **right** on the control key to set to **No**.



d.



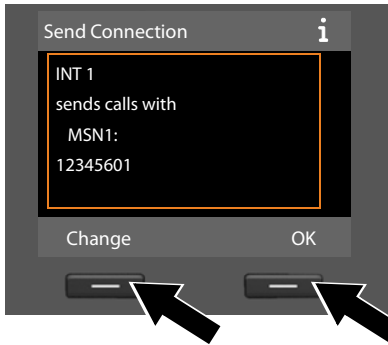
- ▶ Press **down** on the control key to switch to the next number. Select either **Yes** or **No** as described above.
- ▶ Repeat the steps for each number.

- ▶ Press the display key **Save** once you have finished configuring the settings for the base.

The updated list of receive connections is displayed one more time for you to check.

Press the display key **OK** to confirm the assignment.

e.




The send connection currently set for the base is displayed.

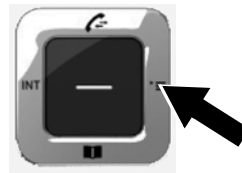
- ▶ Press the display key **OK** if you do not wish to change the setting. Skip the following step.
- ▶ To change the setting, press the display key **Change**.

f.



If the base is to make calls via a different connection/phone number:

- ▶ Press **right** on the control key  repeatedly, until the required connection is displayed (in the example, IP1).



- ▶ Press the display key **Save** to save the settings.

If handsets are already registered to the base, you are requested to assign send and receive connections for the handsets. The following is shown in the display:

Assign connections to handset INT ...?

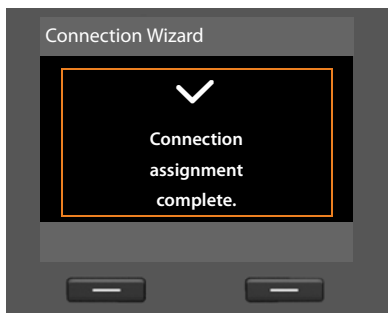
- ▶ Perform steps **a.** to **f.** for each registered handset.

You are then requested to assign the receive connections to the three answering machines on the base. "**Assign connections to answering machine ?**" is shown in the display.

- ▶ Perform steps **a.** to **d.** for each answering machine.

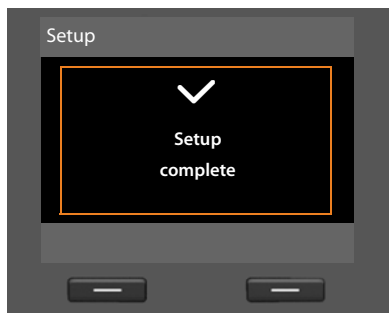
Please note: Each connection (MSN) may only be assigned to one of the three local answering machines as a receive connection. If you assign a receive connection to an answering machine and this connection is already assigned to another answering machine, the "old" assignment is deleted.

After successfully configuring the settings, you will briefly see the following display:



Completing the installation

This completes the installation. The following is shown in the display:



Afterwards, the base returns to idle status (for an example of the display in idle status → [page 4](#)).

The answering machines of the base to which you assigned a receive connection are activated and switched on in answer and record mode with a standard announcement (→ [page 81](#)).

Please note

To protect your phone and its system settings from unauthorised access, please define a 4-digit number code (system PIN) known only to yourself. This code must be entered before you can register/de-register handsets or alter your phone's LAN settings.

The default system PIN is 0000 (4 x zero). For instructions on changing the PIN (→ [page 115](#)).

Setting the date and time

There are various methods of setting the date and time:

- ◆ The base updates the date and time from the ISDN network the first time you make an outgoing, external call.
- ◆ You can configure your base so that once the base is connected to the Internet, the date and time is transferred from a time server.

You can activate/deactivate the synchronisation with a time server via the Web configurator. Detailed information can be found in the Web configurator's user guide on the enclosed CD.

- ◆ You can set the date and time manually via the base menu or one of the registered handsets (→ [page 114](#)).

To ensure you have the correct time for incoming calls and to use the alarm clock and calendar, the date and time must be set.

Setting the date and time manually

If the date and time have not been set, the time will flash in the base's idle display (00:00) and **Time** is displayed above the right display key.



- ▶ Press the key under **Time** on the display screen.
Enter day, month and year as an 8-digit number via the keypad, e.g., [0][4][0][9][2][0][1][0] for 04.09.2010. This overwrites the displayed date.
- ▶ Press down on control key [↓] to scroll to the time entry line.
- ▶ Enter the hours and minutes in 4-digit format via the keypad, e.g., [0][7][1][5] for 07:15 am.
- ▶ Press the display key **Save** to save the settings.

Proceeding

Now you have successfully set up your base, you will certainly want to adapt it to your personal requirements. Use the following guide to quickly locate the most important subjects.



If you are unfamiliar with menu-driven devices such as other Swisscom telephones, read the section entitled "**Operating the base**" (→ **page 30**) first.

| Information on ... | ... is located here. |
|--|----------------------|
| Making external calls and accepting calls | ▶ page 39 |
| Setting the ringer melody and volume | ▶ page 111 |
| Setting the receiver volume | ▶ page 110 |
| Storing your own area code in the telephone | ▶ page 115 |
| Setting Eco Mode | ▶ page 91 |
| Preparing the base for SMS reception | ▶ page 67 |
| Operating the base on a PABX | ▶ page 122 |
| Registering existing Aton handsets to the base | ▶ page 95 |
| Transferring directory entries from existing Aton handsets to the base | ▶ page 59 |
| Using online directories | ▶ page 61 |

If you have any questions about using your phone, please read the tips on troubleshooting (→ **page 125**) or contact our Customer Care team (→ **page 125**).

Operating the base





Control key

Below, the side of the control key that you must press in the respective operating situation is marked in black (top, bottom, right, left, centre) e.g.,  for "press right on the control key" or  for "press the centre of the control key".

The control key has a number of different functions:









In idle status

-  Open the local directory (press **briefly**).
Open the list of online directories (press **and hold**).
-  Open the main menu.
-  Open the list of internal parties (handsets, base) (press **briefly**).
Start a group call to all internal parties (press **and hold**).
-  Open the call list.



In the main menu, in submenus and lists

-  /  Scroll up/down line by line.

In input fields

Use the control key to move the cursor up , down , right  or left .
Press and **hold**  or  to move the cursor **word by word**.

During an external call

-  Open the directory.
-  Initiate an internal consultation call.

Functions when pressing the middle of the control key

Depending on the operating situation, the key has different functions.

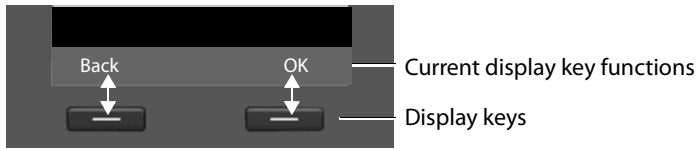
- ◆ **In idle status** the key opens the main menu.
- ◆ **In submenus, selection and input fields**, the key takes on the function of the display keys **OK**, **Yes**, **Save**, **Select**, **View** or **Change**.

Please note

In these instructions, functions are explained using the right side of the control key and the display keys. However, if you prefer, you can use the control key as described above.

Display keys

The functions of the display keys change depending on the particular operating situation. Example:




Some important display keys:

| | |
|----------------|--|
| Options | Open a menu for further functions. |
| OK | Confirm selection. |
| < C | Delete key: Delete character by character/word by word from right to left. |
| Back | Go back one menu level or cancel operation. |
| Save | Save entry. |

You can set the functions of the keys in idle status individually (→ [page 107](#)).

Keys on the keypad

- ↶ / 0... / ** etc.
Press the matching key on the handset.
-  Enter digits or letters.

Correcting incorrect entries


You can correct incorrect characters in the input fields by navigating to the incorrect entry using the control key. You can then:

- ◆ Delete the **character** to the left of the cursor with the display key **< C** (press and **hold** to delete the **word**)
- ◆ Insert characters to the left of the cursor
- ◆ Overwrite the highlighted (flashing) character e.g., when entering time and date

Using the menus

You can access your base's functions using a menu that has a number of levels.


Main menu (first menu level)

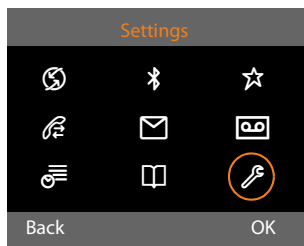
- ▶ When the handset is in idle status, press the **right** control key  to open the main menu.

The main menu functions are shown in the display as icons. The selected function is marked by an orange circle around the icon and the corresponding name is shown in the display header.

To access a function i.e., to open the corresponding submenu (next menu level):

- ▶ Use the control key  to select the required function and press the display key **OK**.


Briefly press the display key **Back** or the red end key  to revert to idle status.




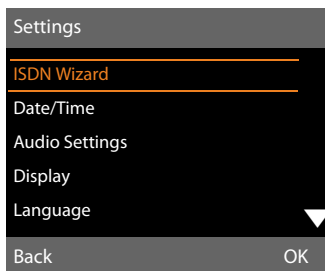
Submenus

The functions in the submenus are displayed as lists (example on the right).

To access a function:

- ▶ Scroll to a function using the control key  and then press **OK** or the middle of the control key.

Press the display key **Back** or briefly press the red end key  to return to the previous menu level/cancel the operation.



If it is not possible to view all of the functions/list entries at the same time on the display (list is too long), arrows appear on the right-hand side of the screen. The arrows indicate the direction in which you need to scroll to view the rest of the entries in the list (in the example: ▼ to scroll down).

Reverting to idle status

You can revert to idle status from anywhere in the menu as follows:

- ▶ Press and **hold** the red end key .

Or:

- ▶ Do not press any key: After 2 minutes the display will **automatically** revert to idle status.

Settings that have not been saved by selecting the display keys **OK**, **Yes**, **Save** or **Change** are lost.

An example of the display in idle status is shown on [page 4](#).

Understanding the operating steps

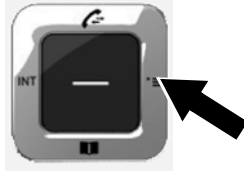
The operating steps are shown in abbreviated form.


Example:

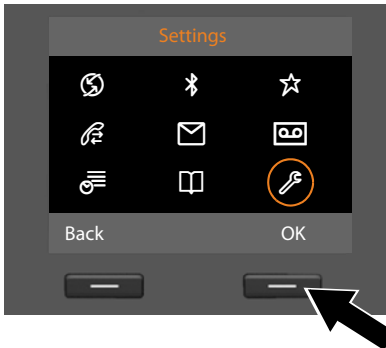
The display:


 →  **Settings** → **Audio Settings** → **Music on hold**  = on)

means:

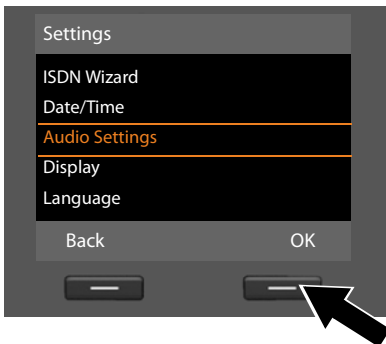



- ▶ Press **right** on the control key  to open the main menu.



- ▶ Press right, left, down and up on the control key  to navigate to the **Settings** submenu.

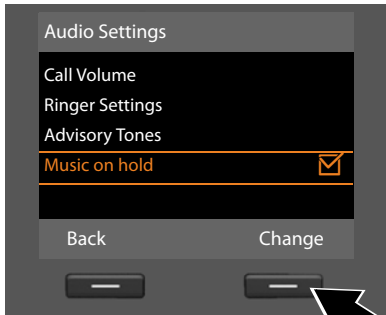
- ▶ Press the display key **OK** to confirm your selection.




- ▶ Press down on the control key  until the **Audio Settings** menu option appears on the display.

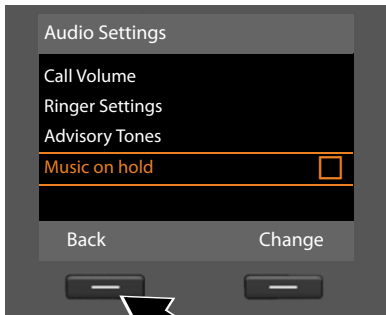
- ▶ Press the display key **OK** to confirm your selection.

Operating the base



- ▶ Press down on the control key  until the **Music on hold** function appears on the display.


- ▶ Press the display key **Change** to activate/deactivate the function.



The change is effective immediately and does not need to be confirmed.

- ▶ Press the display key **Back** to jump back to the previous menu level.

Or

Press and **hold** the red end key  to return to idle status.

Menu tree

To open the main menu: Press  when the base is in **idle status**.



Select Services

| | |
|----------------------|-----------------|
| Next Call | Withhold Number |
| | Keypad Control |
| Call Divert | Internal |
| | MSN1 |
| | MSN2 |
| | : |
| | MSN10 |
| Call Waiting | |
| Withhold # All Calls | |
| Busy on Busy * | |
| Transfer (ECT) * | |
| Ringback Off | |

→ [page 48](#)

→ [page 48](#)

→ [page 47](#)

→ [page 46](#)

→ [page 47](#)

→ [page 46](#)

→ [page 48](#)

→ [page 47](#)

→ [page 51](#)



Bluetooth

| |
|------------------------|
| Activation |
| Search for Headset |
| Search for Mobile |
| Search for Data Device |
| Known Devices |
| Own Device |

→ [page 99](#)



Additional Features

| | |
|--------------------|-----------------|
| Info Centre | |
| Resource Directory | Screensavers |
| | Caller Pictures |
| | Sounds |
| | Capacity |

→ [page 78](#)

→ [page 113](#)

* Dependent on the provider



Organizer

| |
|---------------|
| Calendar |
| Alarm Clock |
| Missed Alarms |

→ [page 92](#)

→ [page 94](#)

→ [page 93](#)



Contacts

| |
|-------------------|
| Directory |
| Network Directory |

| |
|------------------|
| Online Directory |
| Yellow Pages |
| Prv.NetDir * |

The online directories available are displayed with provider-specific names

→ [page 56](#)

→ [page 61](#)

→ [page 61](#)

→ [page 64](#)



Settings

| |
|----------------|
| ISDN Wizard |
| Date/Time |
| Audio Settings |
| Display |
| Language |
| Registration |

| |
|-----------------|
| Call Volume |
| Ringer Settings |
| Advisory Tones |
| Music on hold |

| |
|----------------------|
| Volume |
| Melodies |
| Time Control |
| Anon. Call Silencing |

→ [page 117](#)

→ [page 114](#)

→ [page 110](#)

→ [page 111](#)

→ [page 113](#)

→ [page 113](#)

→ [page 109](#)

→ [page 108](#)

→ [page 95](#)

→ [page 96](#)

* Currently not supported on the Swisscom network.

Menu tree

| | | | |
|-----------|---------------------|--|----------------------------|
| Telephony | Area Codes | | → page 115 |
| | Send Connections | INT 1 ... INT 8 | → page 118 |
| | Receive Connections | INT 1 ... INT 8 | → page 118 |
| | | Answer Machine 1 ... Answer Machine 3 | → page 81 |
| | Dialling Mode | Auto. Tone Dial | → page 123 |
| | | Auto. Keypad | |
| System | Access Code | | → page 122 |
| | Reset | | → page 121 |
| | DECT Interface | | → page 120 |
| | FAX Port | | → page 120 |
| | Repeater Mode | | → page 120 |
| | Local Network | | → page 116 |
| | Update Firmware | | → page 119 |
| | System PIN | | → page 115 |
| Eco Mode | Eco Mode | | → page 91 |
| | Eco Mode+ | | → page 91 |

Making calls

If the display backlight is deactivated (→ [page 110](#)), it can be reactivated by pressing any key.

Please note

You can make two external calls at the same time via your base.

Making an external call

External calls are calls made via the public telephone network (fixed line, mobile network).

To make an external call, you need to define one of the base connections as a send connection. You have the following options:

- ◆ Assign a connection to the base/handset as a send connection permanently (→ [page 118](#)).
You can use an "alternative connection" via the display key or function key (→ [page 107](#)).
- ◆ Select a send connection on the base/handset each time you make a call.

Permanently assigned send connection

Prerequisite:

A MSN of the ISDN connection is permanently assigned to the base as a send connection (→ [page 118](#)).





Enter the number and pick up the receiver. The number is dialled.

Or:



Pick up the receiver and enter the number. The number is dialled approximately 3.5 seconds after the last digit is entered.

Instead of picking up the receiver, you can also press the handsfree key  or the **Headset** (→ [page 107](#)) function key to make a call using the handsfree function or headset.

In this user guide, each of these variants is indicated by "  Pick up receiver".

The dialled number and the send connection used are shown in the display (e.g., via MSN3). The connection name you have assigned is displayed where available. Otherwise, the standard name is used.

Selecting a connection at each call

Requirement: "Select at each call" has been assigned to the base instead of a send connection (→ [page 118](#)).



Enter the number and pick up the receiver. The list of all the base's connections (MSNs) is displayed.




Select a connection.



Press the display key or the middle of the control key.





Please note

- ◆ You can use the red end key  to cancel the dialling operation.
- ◆ Dialling with the directory ([page 56](#)) or call and redial list ([page 52](#)) saves you from repeatedly keying in phone numbers.
- ◆ If you have handsets registered to the base, you can make **internal** calls free of charge ([page 97](#)).
- ◆ In the Swisscom ISDN network, call charges are automatically displayed ([page 66](#)).

Making calls

Using an alternative connection/connection list on the display/function key

Prerequisite: You have assigned an "alternative connection" or the list with all configured connections to a display key or function key (→ [page 107](#)).

-  **Sel. Line** Press the display or function key.
-  Select a line.
-  / **Dial** Pick up the receiver or press the display key.
Press **Dial** to activate handsfree mode on the base (open listening; → [page 44](#)).
-  Enter a number. The number is dialled approximately 3.5 seconds after the last digit is entered.

Continuing a call on a headset

Recommendation

We recommend you assign the **Headset** function to a function key on the base (→ [page 107](#)) and use this function key to accept/transfer calls – even if your headset has a push-to-talk key.

Prerequisite: You have assigned the **Headset** function to a function key on the base before connecting the headset (→ [page 107](#)).

Bluetooth headset:

Prerequisite: Bluetooth is activated; a connection has been established between the Bluetooth headset and the base (→ [page 99](#)).

- ▶ Press the **Headset** function key on the base.

It can take up to five seconds to establish a connection between the base and a headset.

For further information about Bluetooth headsets see [page 103](#).

Wire-bound headsets:

Prerequisite: The headset is connected to the base (→ [page 13](#)).

- ▶ Press the **Headset** function key on the base.

For more information about wire-bound headsets see [page 106](#).

Please note

If both a Bluetooth headset and a wire-bound headset are connected to the base, the call is transferred to the Bluetooth headset.

Making calls via your mobile connection (Link2mobile)

You can make calls from the base via the GSM mobile connection on your Bluetooth mobile.

Prerequisites:

- ◆ Your GSM mobile is registered to the base (→ [page 104](#)).
- ◆ The mobile is within range of the base (less than 10 m) and has a Bluetooth connection to the base.
- ◆ The base is able to use the mobile connection as a send connection, i.e., the GSM connection is assigned to the base as send connection or the base can select the GSM connection as the send connection (→ [page 118](#)).

You can make a call via the GSM connection in the same way as any other send connection on the base (→ [Permanently assigned send connection](#) on [page 39](#), [Selecting a connection at each call](#) on [page 39](#) and [Using an alternative connection/connection list on the display/function key](#) on [page 40](#)).

Please note

A call is cancelled as soon as the mobile is outside the range of the base (about 10 m) or Bluetooth is deactivated.

Displaying the phone number you are calling (COLP)

Prerequisites:

- ◆ Your network provider supports COLP (**C**onnected **L**ine **I**dentification **P**resentation). You may need to activate COLP with the provider (ask your provider about this).
- ◆ The called party has not activated COLR (**C**onnected **L**ine **I**dentification **R**estriction).

For outgoing calls, the phone number of the connection on which the call is received is displayed on the base.

The displayed number may differ from the number you have dialled. Examples:

- ◆ The called party has activated call divert.
- ◆ The call is answered by another connection within a PABX system.


If there is an entry in the directory for this phone number, the corresponding name will be displayed.

Please note


- ◆ The actual number of the connection you have reached (or the assigned name) is displayed instead of the called number during call swapping, conference calls and consultation calls.
- ◆ When the phone number is copied to the directory and the redial list, the dialled number (not the displayed number) is copied.

Ending a call




Replace the receiver or press the red end key .

Or if you are making the call with a headset:

- ▶ Press the **Headset** function key or red end key  on the base.

Accepting a call

An incoming call is signalled in three ways: by ringing, by a display on the screen and by the flashing handsfree key .

Please note


Only calls to the receive connections assigned to the base are signalled
(→ [page 118](#)).

The following applies in particular if ISDN MSNs are configured on your base:

- ◆ If a number has not been assigned to the desktop phone, a handset or an answering machine as a receive connection, calls to this number will not be signalled.
- ◆ If the number is only assigned to an answering machine, calls will not be signalled. Only the answering machine can accept the call.

If no MSNs have been configured on your desktop phone, all incoming calls will be signalled on the desktop phone and all handsets.

Accept the call by:

- ▶ Picking up the receiver.
- ▶ Pressing the handsfree key .
- ▶ If the receive MSN is assigned to an answering machine and that answering machine is not busy with another call: Select **Options** → **Divert to AM** to divert the call to the answering machine (→ [page 85](#)).
 - Select **Options** → **Divert to AM** to divert the call to the answering machine (→ [page 85](#)).

To deactivate the ringer, press the **Silence** display key. You can accept the call as long as it is displayed on the screen.

Making calls

Accepting a call on a headset

Recommendation

We recommend you assign the **Headset** function to a function key on the base (→ [page 107](#)) and use this function key to accept calls – even if your headset has a push-to-talk key.

Prerequisite: You have assigned the **Headset** function to a function key on the base before connecting the headset (→ [page 107](#)).

Bluetooth headset:

Prerequisite: Bluetooth is activated; a connection has been established between the Bluetooth headset and the handset (→ [page 99](#)).

- ▶ Press the **Headset** function key on the base.

Wire-bound headsets:

Prerequisite: The headset is connected to the base (→ [page 13](#)).

- ▶ Press and **hold** the push-to-talk key on the headset or the function key **Headset** on the desktop phone.

For more information about wire-bound headsets see [page 106](#).

Please note

If both a Bluetooth headset and a wire-bound headset are connected to the base, the call will be accepted on the Bluetooth headset.

Accepting calls to your mobile connection (Link2mobile)

You can register your GSM mobile with the base via Bluetooth and accept calls to the mobile on the base (or a registered handset) (→ [page 104](#)).

Prerequisites:

- ◆ The mobile is within range of the base (< 10 m) and has a connection to the base.
- ◆ The GSM connection is assigned to the base (or handset) as receive connection (→ [page 118](#)).

Calls to the mobile (to the mobile number) are signalled on the base. The Bluetooth name of the mobile is shown as the receive connection in the display (e.g., **for mobile**)

- ▶ On the base: Pick up the receiver.

Please note

A call is cancelled as soon as the mobile is outside the range of the base (about 10 m) or Bluetooth is deactivated.

Calling Line Identification

When you receive a call, the caller's number and/or name is displayed on the screen if the following prerequisites are met.

- ◆ Your network provider supports CLIP, CLI and CNIP.
 - CLI (Calling Line Identification): The caller's number is transmitted.
 - CLIP (Calling Line Identification Presentation): The caller's number is displayed.
 - CNIP (Calling Name Identification Presentation): The caller's name is displayed.
- ◆ You have requested CLIP or CNIP from your network provider.*
- ◆ The caller has arranged CLI with the network provider.

* In the Swisscom ISDN network, CLIP is transmitted automatically.

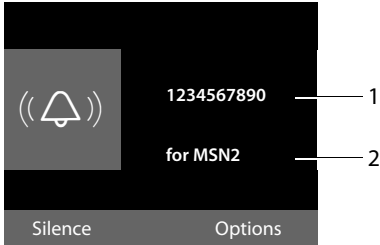
Call display

If the caller's number is saved in your directory, the caller's name will be displayed.

If you have assigned a caller picture (→ [page 57](#)) to the caller, this is shown in the left-hand section of the display.

You can use the display to decide which receive connection the call is directed to.

(Example of display)



- 1 Number or name of the caller
- 2 Receive connection: Indicates which of your phone numbers the caller has dialled. You specify the name when setting up the MSNs (→ [page 117](#)).

(The following is displayed instead of the number:

- ◆ **External**, if no number is transmitted.
- ◆ **Withheld**, if the caller has withheld Calling Line Identification ([page 46](#)).
- ◆ **Unavailable**, if the caller has not arranged Calling Line Identification.

Adopting the name from the online directory

Instead of the phone number appearing in the call display, you can display the name under which the caller is saved in the online directory.

Prerequisites:

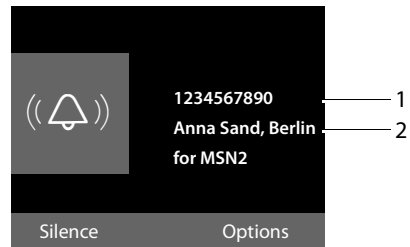
- ◆ The provider of the online directory you have set for your telephone supports this function.

- ◆ You have activated the "display caller name" function via the Web configurator.
- ◆ The caller has authorised Calling Line Identification and has not suppressed the function.
- ◆ Your telephone is connected to the Internet.
- ◆ The caller's number is not saved in the handset's local directory.

Display with CNIP*

If you have CNIP, then the name (town) that is registered with your network provider for the caller's number is displayed. If the number of the caller is stored in your directory, the CNIP display is replaced by the corresponding directory entry.

(Example of display)



- 1 Caller's number
- 2 Name and town/city

The display shows:

- ◆ **External**, if no number is transmitted.
- ◆ **Withheld**, if the caller has withheld Calling Line Identification ([page 46](#)).
- ◆ **Unavailable**, if the caller has not arranged Calling Line Identification.

* Dependent on the provider

Notes on calling line display (CLIP)

By default, the number of the caller is shown in the display of your telephone. You do not have to make any other settings on your telephone.

However, if the caller's number is not displayed, this can be due to the following:

- ◆ You have not requested CLIP from your provider
- ◆ Your telephone is connected via a PABX or a router with an integrated PABX (gateway) that does not transmit all information.

Is your telephone connected via a PABX/gateway?

You can establish this by checking for an additional device connected between your telephone and home connection e.g., a PABX, gateway etc. In most cases, simply resetting this device will remedy the situation:

- ▶ Briefly disconnect the PABX power plug. Re-insert the plug and wait for the device to restart.

If the caller number is still not displayed:

- ▶ Check the CLIP settings of your PABX and activate this function if necessary. In the user guide for the device, search for the term "CLIP" (or an alternative term such as "calling line identification", "phone number transmission", "caller ID" etc.). If necessary, contact the device manufacturer.

If this does not resolve the problem, it is possible that your network provider does not provide the CLIP service for this number.

Is calling line display functioning?

- ▶ Check whether your provider supports calling line display (CLIP) and that the function has been activated for you. If necessary, contact your provider.


Activating/deactivating handsfree/open listening mode

In handsfree mode, you use the microphone and speaker on the base rather than the receiver. For example, this allows others to participate in the call.

In open listening mode, you hold the conversation via the receiver and also activate the speaker on the base (receiver and handsfree mode).

- ▶ Inform your caller before you use the handsfree function so that the caller knows a third party may be listening.

Activating/deactivating open listening

- ▶ Press the handsfree key  to activate/deactivate open listening in receiver mode.

Activating handsfree mode while dialling



Enter the number and press the handsfree key.

End the call:



Press the red end key.

Switching from receiver to handsfree mode

Prerequisite: You are making a call via the receiver or via the receiver with open listening mode activated.



Press and hold the handsfree key until you have put the receiver down.



If the handsfree key does not light up, press the key again.

Switching from handsfree to receiver mode



Pick up the receiver. The speaker on the base is deactivated.

Please note

In handsfree mode, you can adjust the handsfree volume with the and keys.

Please note

In mute mode, all keys on the base are deactivated with the exception of the:

- ◆ Mute key
- ◆ Red end key with which you can end a call
- ◆ and keys with which you can adjust the volume on the receiver, speaker or headset (the speaker is activated; the microphone remains deactivated)
- ◆ The function or display key that is assigned the **Headset** function (→ [page 107](#)) and with which you can transfer a call to a connected headset.

Muting the base

You can deactivate the microphone on the receiver, base (handsfree) and any connected headset (wire-bound or Bluetooth) during an external call (including during a conference call or when call swapping). The other parties cannot hear you, but you can still hear them.

Prerequisite: You are conducting an external call.

Deactivating the microphone



Press the mute key. The display shows **Microphone is off**.

Unmuting the microphone



Press the mute key again to unmute the microphone.

If a second call (call waiting) is received in mute mode, this is signalled acoustically as usual. However, it is only shown on the display once the microphone has been unmuted.

Making calls using network services

Network services are functions that your network provider makes available to you.

Please note:

- ◆ Some settings cannot be made simultaneously on the base and registered handsets. If this is the case, you will hear a negative acknowledge tone.
- ◆ Some network services may only be used if you have requested them from your network provider (there may be an extra charge).
- ▶ If you require assistance, please contact your network provider.

Configuring general settings for all calls

Anonymous calling – withholding number

You can make anonymous calls (CLIR = Calling Line Identification Restriction). Your phone number will not be displayed when you make outgoing calls. You are calling anonymously.

Prerequisite: You may need to have requested the relevant service (feature) from your network provider in order to make anonymous calls.

Activating/deactivating "anonymous calling" for all calls

When the function is activated, the phone number is withheld for all calls regardless of the send MSN used.

The withhold number function is activated for the base and all registered handsets.

 →  **Select Services**

Withhold # All Calls

Select and press **OK** (✓ = on).

For instructions on withholding the number temporarily for a subsequent call see **page 48**.

General call divert (CD)

A distinction is made between

- ◆ Diverting calls internally and
- ◆ Diverting calls to an external phone number

CD to an external connection

With call divert the call is diverted to another external connection. Your call divert settings can be specific to a particular connection i.e., for each MSN, assigned to the base as the receive connection.

 →  **Select Services** → **Call Divert**

A list containing the configured and activated receive connections (MSNs) for your phone and **Internal** is displayed.

- ▶ Select the receive connection for which you want to activate or deactivate call divert, and press **OK**.
- ▶ You can enter data in the following fields:

Status

Activate/deactivate call divert.

Phone Number

Enter the number to which the call is to be diverted. For every MSN you can specify a different fixed line, VoIP or mobile number.

When

Select **All Calls** / **When Busy** / **No Answer**.


All Calls: Calls are diverted immediately i.e., no calls are signalled to this MSN on your base.

No Answer: Calls are diverted if no one accepts the call within several rings.

When Busy: Calls are diverted when your line is busy.

Save Press the display key.

A connection is established to the telephone network to activate/deactivate call divert.

- ▶ After confirmation from the fixed line, press the red end key .

Please note

Diverting calls to your phone numbers can result in additional costs. Please consult your provider.

Diverting calls internally

You can divert all **external** calls intended for a base receive connection to a handset or device connected to the FAX port.

 →  **Select Services** → **Call Divert**

Internal Select and press **OK**.

► You can enter data in the following fields:

Status

Activate/deactivate call divert.

To handset

Select internal party.

No Handset is displayed if internal call divert has not been set previously or if the previously set handset is no longer registered.

Ring delay

If you prefer to have a delay before the call is diverted, select the length of the delay (**None**, **10 sec.**, **20 sec.** or **30 sec.**).

If you select **None**, the call is not signalled on the base and is diverted immediately.

Save

Press the display key.

Internal call divert is only single-stage i.e., if calls for the base are diverted to a handset (e.g., MT1) on which a call divert is also active (e.g., to MT2), this second call divert is not activated. The calls are signalled on handset MT1.

Please note

- ◆ Any call for the base that has been diverted is entered in the base call lists.
- ◆ If a call to a receive connection that is only assigned to the base is diverted to a handset that is not available (e.g., the handset is deactivated), the call is rejected after a short time.

Activating/deactivating call waiting for external calls

If the function is activated, during an **external** call you will hear a call waiting tone to signal that another external caller is trying to get through. If you have CLIP, the number of the waiting caller or the corresponding directory entry is shown in the display. The caller will hear the ringing tone.

When call waiting is deactivated, the caller will hear the busy tone if you are already making a call, you are the only party assigned to this connection and this connection is not assigned to an answering machine.

Activating/deactivating call waiting

 →  **Select Services** → **Call Waiting**

Status Select **On** / **Off** to activate/deactivate call waiting.

► Press the display key **Save**.

Call waiting is activated/deactivated for all connections to the telephone and all registered devices.

Transferring a call – activating/deactivating ECT (Explicit Call Transfer)*

When call swapping, you can connect two external call participants (→ **page 50**) to each other by simply replacing the receiver. The transfer of the call by replacing the receiver is not supported by all ISDN exchanges and PABXs.

You can activate/deactivate this function for calls via your desktop phone.

 →  **Select Services**

Transfer (ECT)

Select and press **OK** (☒ = on).

* Dependent on the provider

Setting up a busy signal for when the MSN is being used (Busy on Busy)*

This setting allows callers to get a busy tone immediately when an external call is already being made on the MSN called, regardless of the setting **Call Waiting** (→ [page 47](#)). Call waiting will not be signalled.

 →  **Select Services**

Busy on Busy

Select and press **OK** (☒ = on).

Configuring settings for the next call

Activating "anonymous calling" for the next call

You can withhold your phone number for the next call (CLIR = Calling Line Identification Restriction). The setting applies to all the phone's connections.

In idle status:

 →  **Select Services**
→ **Next Call** → **Withhold Number**

Select and press **OK**.



Enter the number or copy from the directory.

Dial

Press the display key or pick up the receiver. The number is dialled.

Generally, you can withhold your number for all calls (→ [page 46](#)).

Activating/deactivating the keypad function for the next call

The **keypad** function allows you to control certain features by entering sequences of characters and digits. For keypad control see [page 123](#).

You can temporarily activate keypad control for the next call.

 →  **Select Services** → **Next Call**
→ **Keypad Control**

Select and press **OK**.



Enter phone number.

Press the display key or pick up the receiver. The number is dialled.

Configuring settings during an external call

Initiating ringback when busy/no answer

Please note

A ringback display key/menu function for activating ringback only appears on the base if the exchange supports this feature.

If the person you are calling does not answer or their line is busy, you can initiate ringback.

Ringback when busy: The ringback will take place as soon as the party in question terminates the current call.

Ringback when no answer: The ringback will take place as soon as the party in question has made a call.

Initiate ringback:

Ringback Press the display key.

If ringback has been successfully activated, the message **Ringback activated** is displayed. The call is ended. The base returns to idle status.

If ringback has not been successfully activated in the exchange, **Ringback not possible!** appears in the display.



Replace the receiver or press the red end key.

Initiating ringback during an external consultation call:

You wish to initiate an external consultation call during an external call. The line is busy or there is no answer.

Options → **Ringback**

Select and press **OK**.

End Press the display key to return to the party on hold.

Please note

- ◆ You can only activate one ringback at a time. If you activate a second ringback, the first one is automatically deleted.
- ◆ The ringback is initiated on the previously used send connection.
- ◆ The ringback can only be received on the device that activated the ringback.

Accepting a waiting call

You are making an external call and hear the call waiting tone.

Accept Press the display key.

Once you have accepted the waiting call, you can switch between the two callers ("**Call swapping**" → **page 50**) or speak to both at the same time ("**Conference**" → **page 50**).

Please note

- ◆ Without CLIP, a waiting call is only announced with a signal tone.
- ◆ An internal, waiting call is shown on the display. You can neither accept the internal call nor reject it.
- ◆ For instructions on accepting a waiting external call during an internal call, → **page 98**.

Rejecting a waiting call

You can hear the call waiting tone but do not want to speak to the caller.

Reject Press the display key.

The caller hears the busy tone.

Please note

You can also replace the receiver to end the current call and lift the receiver again to accept the second call.

Consultation calls (external)

You can call a second external caller. The first call is placed on hold.

During an external call:

Ext.Call

Press the display key.
The previous call is placed on hold. The caller hears an announcement or music on hold.



Enter the second participant's telephone number.

The phone number is dialled. You are connected to the second participant.

If the participant does not answer, select the display key **End** to return to the first participant.

The consultation call is established via the same send connection as the first call.

Please note

You can also select the second participant's phone number from the directory (**page 60**), redial list or a call list (**page 53**).

Ending a consultation call

Options → End Active Call

You are reconnected to the first call participant.


If ECT (Explicit Call Transfer) is not activated, you can also end the consultation call by replacing the receiver. The connection is briefly interrupted and you will receive a call back. As soon as the receiver is lifted, you are reconnected to the first call participant.

Call swapping

You can speak to two callers one at a time (call swap).

Prerequisite: You are conducting an external call and have called a second participant (consultation call) or have accepted a waiting call.

► Use  to swap between the participants.

The caller you are currently speaking to is marked with the  icon.

Ending a currently active call

Options → End Active Call


You are re-connected to the waiting caller.

Conference

You can speak to two participants simultaneously.

Prerequisite: You are conducting an external call and have called a second participant (consultation call) or have accepted a waiting call.

► Press the display key **Conf.**

You and the other two callers (both marked by the ) can hear and speak to each other simultaneously.

Ending a conference call

► Press the display key **EndConf.**

You return to "call swap" status. You are reconnected to the caller with whom you started the conference.

Or:

Prerequisite: ECT is not activated.




Replace the receiver to end the call with both participants.

Each of the callers can end their participation in the conference call by pressing the end call key and replacing the handset.

Transferring calls

Transferring a call to an internal party

You are making an **external** call and would like to transfer it to another handset.

► Set up an **internal** consultation call ( **page 97**).





Replace the receiver (even before the other party has answered) to transfer the call.

Transferring a call to an external number – ECT (Explicit Call Transfer)*

You are making an **external** call and wish to transfer the call to another external party.

Prerequisite: The feature is supported by your network provider.

The ECT function has been enabled on your Aton ( **page 49**).

► Set up an **external** consultation call ( **page 49**).



Replace the receiver (even before the other party has answered) to transfer the call.

* Dependent on the provider

Identifying nuisance callers – identify caller function*

Identify caller is used to identify annoying or threatening callers.

Prerequisite:

- ◆ You have requested the identify caller function from your network provider.

Activate this function during the call or immediately after the caller has hung up. You must not end the call yourself i.e., **you must not replace the receiver!**

This does not affect any other call that is being made at the same time.

The caller is identified in the ISDN telephone exchange and is recorded by phone number, time and date. A printout of the list is then sent by your network provider through the post.

Prerequisite: You are conducting an **external** call or the external call participant has hung up; however, you are maintaining the connection.

Options → **Identify Caller**

You can then continue the call or replace the receiver.

Please note

Contact Swisscom free of charge on 0800 800 800 or call +41 848 800 811 from outside of Switzerland (subject to charge) with any questions relating to nuisance calls).

Functions after a call

Cancelling ringback

 →  **Select Services** → **Ringback Off**

The phone number activated for ringback is shown in the display.

- ▶ Press the display key **Delete** to deactivate ringback.

Ringback disabled is displayed on the screen.

Please note

If the ringback was signalled before you could cancel it, you can end it using **Cancel**.

* Dependent on the provider

Using lists




The options are:

- ◆ Redial list
- ◆ Incoming message list
- ◆ Call lists
- ◆ Missed alarms list
- ◆ Answering machine list

Redial list

The redial list contains the 20 numbers last dialed with the base (max. 32 digits). If one of the numbers is in the directory, the corresponding name will be displayed.

Manual redial

-  Press the key to open the redial list.
-  Select entry.
-  Pick up the receiver.
The number is dialed.



When a name is displayed, you can display the corresponding phone number:

- ▶ Press the display key **View** or the middle of the control key.
- ▶ Press right or left on the control key as required to view the next/previous number.

If you have opened the redial list to initiate an external consultation call, press the display key **Dial** to dial the selected number.

Automatic redial

In idle status:

-  Press the key.
-  Select entry.
- Options** Open menu.

Automatic Redial

Select and press **OK**.

Or:

You try to call a number and you hear the busy tone or the party does not answer:



- Options** Open menu.

Automatic Redial

Select and press **OK**.

The base switches to idle status. The display shows **Auto Redial** together with the phone number.

The number is automatically dialed at fixed intervals (at least every 20 seconds). The speaker key flashes, "open listening" is switched on, the microphone is switched off.

- ◆ The party answers: Pick up the receiver  or press the handsfree key . "Automatic redial" ends. The base switches to normal receiver/speaker mode.
- ◆ Party does not answer: The call is terminated after approx. 30 seconds. After five unsuccessful attempts, "Automatic redial" ends.
- ▶ To cancel automatic redial, press the display key **Off** or any key.

Please note

One automatic redial function can be active per device (registered handsets and base). Overall, one automatic redial function can be active on the telephone system for each available line.

If automatic redial is assigned to all lines, you will hear the busy tone when you try to activate another.


Managing entries in the redial list

In idle status:

 Press the key.

 Select entry.

Options Open menu.

You can select the following functions with :

Copy to Directory

Copy an entry to the directory ([page 56](#)).

Automatic Redial

→ "[Automatic redial](#)", [page 52](#).

Display Number

(As in the directory, [page 58](#))

Delete Entry

Delete selected entry.

(As in the directory, [page 58](#))

Delete List

Delete complete list.

(As in the directory, [page 59](#))

Incoming message list

All received SMS messages are saved in the incoming message list (→ [page 69](#)).

Answering machine list

You can use the **answering machine list** to listen to the messages that are on the answering machine (→ [page 84](#)).


Call lists

Prerequisite: Calling Line Identification Presentation (CLIP, [page 42](#))

Your base stores various types of calls:

- ◆ Accepted calls (from the user or the answering machine)
- ◆ Outgoing calls
- ◆ Missed calls

You can view each type of call separately or gain an overview of all calls. The last 30 entries are displayed in the lists of missed and accepted calls. This list of outgoing calls can contain up to 60 entries.

You can open the call lists in idle status by pressing up on the control key  or via the menu:

 →  → **All Calls / Outgoing Calls / Accepted Calls / Missed Calls**

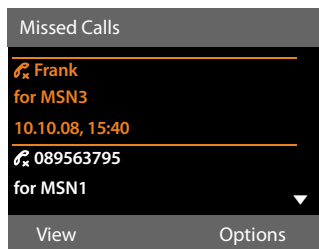
Please note

You can receive information on unknown numbers free of charge via the reverse search in the online directory (→ [page 62](#)).

List entry

New messages are displayed at the top.

Example of list entries:




- ◆ List type (in header)
- ◆ The entry status (only in the list of missed calls)
 - Bold:** New entry
- ◆ Number or name of caller
- ◆ Name of MSN/connection to which the missed/accepted call was directed (**for** receive connection), or via which the outgoing call was dialled (**via** send connection) The connection name you have assigned is displayed where available. Otherwise, the standard name is used.
- ◆ Date and time of call (if set).
- ◆ Type of entry:
 - Accepted calls (✓)
 - Missed calls (✗)
 - Outgoing calls (→)
 - Calls recorded by the answering machine (OO)

Please note

Multiple calls from the same number are stored once in the missed calls list (the latest call). The number of calls from this number is shown in brackets after the entry.

One Withheld entry is created for all missed calls for which the number of the caller was withheld.

Equally, **one Unavailable** entry is created for every call for which the number was not transferred.

Pick up the receiver or press the handsfree key  to call the selected caller back.

Select the **View** display key to access additional information, including for example the number linked to the name. If you have CNIP, then the name and town that is registered with your network provider for this number is displayed. If the name and town are not shown, it means that the caller has not requested Calling Line Identification or that the number has been withheld.

Use the **Options** display key to select the following options:

SMS Enquiry *

You can receive information about the caller via SMS.

Copy to Directory

Copy number to the directory.

Delete Entry

Delete selected entry.

Delete List

Delete all entries.

When you quit the call lists, all entries are set to the status "old", i.e., the next time you call up the list, they will no longer be shown in bold.

Please note


In the case of each internal party (base, handset), only those received/missed calls directed to its receive connection are shown.

* Currently not supported on the Swisscom network.

Opening lists with the message key

Use the message key  to open the following lists:

- ◆ Answering machine list or network mailbox, if your network provider supports this function and quick dial is set for the network mailbox (→ [page 89](#)).
- ◆ Incoming message list (→ [page 69](#))
- ◆ Missed calls list
- ◆ Missed alarms list

An advisory tone sounds as soon as a **new entry** appears on a list. The  key flashes (it goes off when the key is pressed). In **idle status**, the display shows an icon for the new message:

Icon New message ...



... in an answering machine list or on the network mailbox



... in the **Missed Calls** list



... in the SMS list or e-mail list




... in the **Missed Alarms** list

The number of new entries is displayed to the right of the corresponding icon.

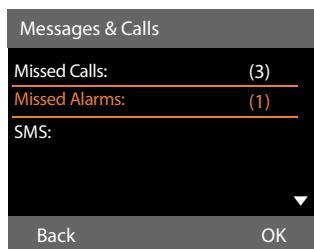


Please note

If calls are saved in the network mailbox, you will receive a message if the appropriate settings have been made (see your network provider user guide).

After pressing the message key , you can see all lists containing messages and the network mailbox list.

Lists containing new messages are at the top of the list and are marked in a bold font.



Select a list with . To open, press **OK**.

Using directories

The options are:

- ◆ (Local) directory (→ [page 56](#))
- ◆ Public online directory and classified directory (→ [page 61](#))
- ◆ Private net directory*

Using the local base directory

You can save a total of **750** entries in the directory.

Not only can you create a personalised directory for your base, but you can send entries from it to handsets too ([page 59](#)).



Please note

You can assign numbers from the directory to the function/display keys for quick access (quick dial) ([page 107](#)).

"Swisscom Hotline"

The Swisscom Hotline number 0800 800 800 is pre-programmed into the phone. The entry can be changed.


 →  (Select hotline entry)

 Lift the receiver or press the handsfree key .

Or during a call:

Dial Press the display key.

If the entry only contains one phone number, this number is dialled immediately.

The entry is displayed with the icon for the stored numbers: .

Dial Press the display key.
The number is dialled.

Please note


Swisscom Contact Centre 0800 800 800

We will be happy to advise you on this free-phone number if you have any questions relating to telecommunications: fixed line networks, mobiles, DSL Broadband, Bluewin TV, any questions relating to billing and much more.

Directory entries

You can save the following information in a directory entry:

- ◆ Name and surname
- ◆ Up to three numbers
- ◆ E-mail address
- ◆ Anniversary with reminder
- ◆ VIP ringer with VIP icon
- ◆ Caller picture

Open the directory in idle status or during an external call with the  key (press briefly) or via the menu

 →  → **Directory**

Length of the entries

3 numbers: Max. 32 digits each

Name and surname: Max. 16 characters each

E-mail address: Max. 60 characters

* Currently not supported on the Swisscom network.

Saving number(s) in the directory – new entry

 → <New Entry>

► You can enter data in the following fields:

First Name: / Surname:

Enter first names and/or surnames.

If you do not enter a name in either of the fields, the first phone number saved in the entry is saved and displayed in place of a surname.





For instructions on entering text and special characters, see [page 129](#).

Phone (Home): / Phone (Office): /

Phone (Mobile):

Enter a number in at least one of the fields.

When scrolling through the directory, prefixed icons indicate which numbers are contained in the entry:

| | |
|--|---|
| Ball, Tim | |
|   Sand, Anna |  |
| Turner, Tom |  |

 denotes **Phone (Home)**,

 denotes **Phone (Office)**,

 denotes **Phone (Mobile)**.

E-Mail:

Enter the e-mail address.

Anniversary:

Select **On** or **Off**.


With setting **On**:

Enter **Anniversary (Date)** and **Anniversary (Time)** and select reminder type: **Anniversary (Signal)** (→ [page 61](#)).

Caller Melody (VIP):

Mark a directory entry as a **VIP** (Very Important Person) by assigning a specific ringer to it. You recognise VIP calls by the ringer.

VIP entries are highlighted by the

 icon in the directory.

Prerequisite: Calling Line Identification ([page 42](#)).

Caller Picture:

Prerequisite: Calling Line Identification Presentation (CLIP).

You can select:

- A picture to be displayed when the party calls (see [Resource directory, page 113](#)).
- One of the colours from **Colour 1** to **Colour 6**, to be used as the display colour when the caller calls.
- **No Picture** if there is to be no visual signal for the caller

Save

Press the display key.

Order of directory entries

Directory entries are generally sorted alphabetically by surname. Spaces and digits take first priority. If only the first name was entered in the directory, this is incorporated into the sort order instead of the surname.

The sort order is as follows:

1. Space
2. Digits (0–9)
3. Letters (alphabetical)
4. Remaining characters (*, #, \$ etc.)




To get round the alphabetical order of the entries, insert a space or a digit in front of the first letter of the surname. These entries will then move to the beginning of the directory.

Searching for a directory entry



Open the directory.

You have the following options:

- ◆ Use  to scroll through the entries until the required name is selected.
Press  briefly to scroll on an entry-to-entry basis.
Press and hold  to scroll through the directory.

Using directories

- ◆ Enter the first letters of the name (max. 8), if necessary scroll to the entry with the key. The letters entered are displayed in the bottom display line.

To skip from any point in the list to the start of the list (<New Entry>), press the red end key briefly.

The directory searches for the surname. If a surname has not been added, then it will search for the first name.

Dialling with the directory

→ (Select entry).

Pick up the receiver.

Or during a call:

Dial Press the display key.

If the entry only contains one phone number, this is the number that is dialled.

If the entry contains several numbers, the icons for the numbers stored are displayed:
 / / .

Select a number.

Dial Press the display key.
The number is dialled.

Please note

When dialling, you can link several numbers from the directory.

Managing directory entries

Viewing entries

→ (Select entry).

View / Press the display key or the middle of the control key. The entry is displayed.

Scroll through the entry if necessary.

Using other functions

Prerequisite: The directory was opened while the base was in idle status.

Options Press the display key.

You can select the following functions with :

Display Number

Select a number from the entry as required and press the display key **Dial**. Edit or add to the saved number and then dial with or save as a new entry; for the latter, press the display key → after the number is displayed.

Delete Entry

Delete the selected entry.

Copy Entry

- **to Internal:** Send a single entry to a handset (**page 59**).
- **vCard via SMS:** Send a single entry in vCard format via SMS.
- **vCard via Bluetooth:** Send a single entry in vCard format via Bluetooth.

Editing entries

→ (Select entry).

View **Edit** Press the display keys one after the other.

- Perform changes and save.

Using other functions

When the base is in idle status:

→ (Select entry)
→ **Options** (Open menu)

You can select the following functions with :

Display Number

(see above/**page 58**)

Edit Entry

Edit selected entry.

Delete Entry

Delete selected entry.

Copy Entry

(see above/**page 58**)

Delete List

Delete **all** entries in the directory.

Copy List

to Internal: Send the complete list to a handset (**page 59**).

vCard via Bluetooth: Send the complete list in vCard format via Bluetooth.

Available Memory

Display the number of entries that are still available in the directory.

Exchanging directory/entries with handsets

You can send entries from the local directory or the complete local directory to handsets as well as receive directory entries from the handsets.



Please note:


- ◆ Entries with identical numbers are not overwritten on the receiving handset.
- ◆ The transfer is cancelled if the base rings or the receiving memory is full.
- ◆ Anniversary reminders, pictures and sounds entered are not transferred.

Prerequisites:


- ◆ The receiving handset is registered to the base.
- ◆ The handset can send and receive directory entries.

Sending a directory/directory entries to a handset

-  →  (Select entry)
- **Options** (Open menu)
- **Copy Entry / Copy List**
- **to Internal**

-  Select the internal number of the receiving handset and press **OK**.

The transfer begins.

You can transfer several individual entries one after the other by responding to the **Entry copied - Copy next entry?** prompt with **Yes**, selecting the entry and **Copy**, or pressing the middle of the control key .

A successful transfer is confirmed by a message and confirmation tone.

Please note

The transfer is interrupted in the event of an external incoming call.

Receiving a directory/directory entries from a handset



Prerequisite: The base is in idle status.

- ▶ Start the transfer of directory entries on the handset as described in the handset user guide.


If the data has been transferred successfully, the display on the base will indicate the number of entries received (so far).

Transferring the directory/entries as a vCard with Bluetooth

In Bluetooth mode (→ **page 99**), you can transfer directory entries in vCard format e.g., to exchange entries with your mobile or PC.


-  →  (Select entry)
- **Options** (Open menu)
- **Copy Entry / Copy List**
- **vCard via Bluetooth**


The list of "Known Devices" (→ **page 101**) is displayed and Bluetooth is activated, if necessary.

-  Select device and press **OK**.

Or:

- <**Search**> Select and press **OK** to search for Bluetooth devices.

-  Select device and press **OK**.

-  If necessary, enter the PIN for the Bluetooth device and press **OK** (**page 100**).

The transfer starts.

Once an individual entry has been transferred, you can select an additional entry in the directory and transfer it to the Bluetooth device using **Copy**.

Please note

Any incoming calls are ignored during the vCard transfer.

Receiving a vCard with Bluetooth

If a device from the "Known Devices" list (→ **page 101**) sends a vCard to your base, this occurs automatically. You are informed about it via the display.

If the sending device does not appear in the list, you are asked on the display to enter the device PIN for the sending device:



If necessary, enter the PIN for the **sending** Bluetooth device and press **OK**.

The vCard transfer starts.

If the device should be added to the list of known Bluetooth devices, press the display key **Yes** after the transfer. Pressing **No** returns the base to idle status.

Adding a displayed number to the directory

You can add numbers to the directory:

- ◆ From a list e.g., the call/answering machine list, incoming SMS message list or the redial list
- ◆ From the text of an SMS
- ◆ From a public online directory or classified directory
- ◆ From your private net directory*
- ◆ When dialling a number

A number is displayed:

Options → **Copy to Directory**

Or:



Press the display key.

The directory is opened. You can create a new entry or extend an existing entry.



Select **<New Entry>** or the directory entry and press **OK**.



Select the type of phone number / / and press **OK**. The number is copied into the corresponding field.

If the number field is already occupied, **Overwrite existing number?** is displayed.

Yes

Press the display key to overwrite the number. If you select **No**, you are asked to select another type of phone number.

- ▶ If necessary, complete the entry (→ **page 57**).

Please note

For a new entry:

- ◆ If you have CNIP, the first 16 characters of the transmitted name are also copied to the **Surname** line.
- ◆ If you are copying a number from an online directory, the surname or nickname (if available) are copied into the **Surname** field.
- ◆ The message playback is interrupted during the number transfer from the answering machine list.

Copying a number or e-mail address from the directory

In some operating situations, you can open the directory to copy a number or e-mail address, for example. Your base does not have to be in idle status.

- ▶ Depending on the operating situation, open the directory with or .





Select entry (→ **page 57**).

* Dependent on the provider


Saving an anniversary in the directory

For each entry in the directory, you can save an anniversary and specify a time at which a reminder call should be made on the anniversary (default setting: **Anniversary: Off**).

Anniversaries are automatically recorded in the calendar (page 92).

 →  (Select entry)

View **Edit** Press the display keys one after the other.

 Scroll to the **Anniversary:** line.

 Select **On**. The following fields are displayed.

► You can enter data in the following fields:

Anniversary (Date)

Enter day/month/year in 8-digit format.

Anniversary (Time)

Enter the hour/minute for the reminder call in 4-digit format.

Anniversary (Signal)



Select the reminder type.

Save Press the display key.


Please note


A time must be specified for reminder calls. If you have selected the visual signal, you do not have to specify the time.

Deactivating anniversaries

 →  (Select entry)

View **Edit** Press the display keys one after the other.

 Scroll to the **Anniversary:** line.

 Select **Off**.

Save Press the display key.

Anniversary reminder call

In idle status, a reminder call is shown in the display of the handset (→ page 4) and signalled with the selected ringer.

You can:

SMS Write an SMS.

Off

Press the display key to acknowledge and end the reminder call.

When you are on the phone, a reminder call is indicated on the handset with a **single** advisory tone.

Anniversaries that are indicated during a call and are not acknowledged are entered in the **Missed Alarms** list (page 93).

Using online directories

You can use public online directories (online directories and classified directories e.g., "Yellow Pages") depending on your provider.

You can configure the online directories you wish to use via the Web configurator.

Exclusion of liability

Gigaset Communications GmbH assumes no guarantee or liability for the availability of this service. The service may be discontinued at any time.

Opening an online/classified directory


Prerequisite: The base is in idle status.

 Press and **hold**.

Or:

 →  **Contacts** → **Network Directory**

This opens the list of online directories. Provider-specific names appear in the display.


 Select a directory (online directory or classified directory) from the list and press **OK**.

This establishes a connection to the online directory or the classified directory.

If there is only one online directory available, a connection is immediately established if you press and **hold** down the control key.

Please note

You can also establish a connection to the online directory as follows:

- ▶ When the base is in idle status, dial **1#91** (e.g. for tel.search.ch) and then pick up the receiver .
- ▶ To establish a connection to the classified directory, dial **2#91** (e.g. Yellow Pages).

Calls to the online directory are always free of charge.

Searching for an entry

Prerequisite: You have opened the online directory/classified directory.


- ▶ You can enter data in the following fields:

Surname: (online directory) or

Category/Name: (classified directory)

Enter the name, part of a name or the business type (max. 30 characters).

City: Enter the name of the town/city in which the party you are searching for lives (max. 30 characters).

If you have already completed a search, the last names of the towns/cities you entered are displayed (maximum of five). You can enter a new name or select one of the city names displayed using  and confirm with **OK**.

Or:

Number: Enter the number (max. 30 characters).

- ▶ Press the display key **Search** or  to start the search.

You must make an entry in either **Surname** or **Category/Name:** and in **City** or in **Number**. Searching by number is only possible if supported by the online directory you have selected. For instructions on entering text see [page 129](#).

A list of the towns/cities found is displayed if the search returns more than one result:



Select the town/city.

If the name of a town/city is longer than one line, it is abbreviated. Select **View** to view the complete name.

If no matching town/city is found: Press **Change** to change the search criteria. The entries for **Category/Name** and **City** are copied and you can change them.

Search

Press the display key to continue the search.

A corresponding message will appear on the display if no party is found to match the search criteria. You have the following options:

- ▶ Press the display key **New** to start a new search.

Or:

- ▶ Press the display key **Change** to change the search criteria. The name and town/city are copied over and you can change them.

No hits are displayed if the list of hits is too large. A message to this effect is displayed.

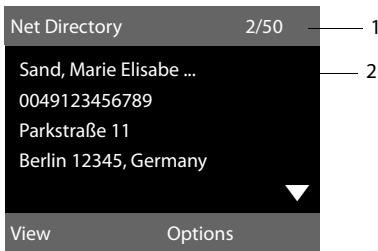
- ▶ Press the display key **Refine** to start a refined search (→ [page 63](#)).

Or:

- ▶ Depending on the provider, you can view the list if the number of hits is shown on the display. Press the display key **View**.

Search result (hit list)

The search result is shown as a list on the display. Example:



1. 2/50: Consecutive number/total number of hits (only the consecutive number is displayed if the total number of hits >99).
2. Four lines including party's name, business type, telephone number and address (possibly abbreviated). If a fixed line number is not available, the mobile number (if available) is displayed.

You have the following options:

- ▶ You can scroll through the list with .
- ▶ Press the display key **View**. Displays the full details of the entry (name, business type where applicable, address, telephone numbers). You can scroll through the entry with .

Use **Options** to access the following options:

Refine search

Refine search criteria and restrict hit list (→ **page 63**).

New search

Start a new search.

Copy to Directory

Copy an entry to the local directory. If an entry contains several numbers, they are displayed in a selection list. A new entry is created for the selected number. The surname is transferred to the **Surname** field of the local directory (→ **page 60**).

Copy to Private NetDir.

Transfer the selected entry to the private net directory. The private directory and online directory must be provided by the same provider.

Depending on your provider, you can add a nickname to the entry in your private directory.

Calling subscribers

Prerequisite: A hit list is displayed.

- ▶ Select an entry and pick up the receiver .

If the entry only contains one phone number, this is the one that is dialled.

A list of numbers appears if there is more than one number.

- ▶ Using , select a number and press the display key **Dial**.

Starting a refined search

You can use the search options available in the refined search (first name and/or street) to limit the number of hits returned by a previous search.

Prerequisite: A search result is displayed (hit list with multiple entries or a message indicating too many hits).

Refine Press the display key.

Or:

Options → **Refine search**
Select and press **OK**.

The search criteria from the previous search are copied and entered in the corresponding fields.

Surname: (online directory) or
Category/Name: (classified directory)

If necessary, change the name/business type or extend the partial name.

City: Name of the city/town from the previous search is shown (cannot be changed).

Using directories

- Street:** If necessary, change the name of the street (max. 30 chars.).
- First Name:** (only in the online directory)
If necessary, enter the first name (max. 30 characters).

Search Start refined search.

Using the private net directory*

Some providers offer users the option of creating and managing a private net directory on the Internet.

The advantage of an online directory is that you can call up entries from any telephone or PC e.g., from your VoIP phone in the office or your PC at a hotel.

You can use the private net directory on your base.

Prerequisites:

- ◆ You can create your private net directory using your PC's Web browser.
- ◆ You can create and manage entries in the online directory via your PC's Web browser.
- ◆ Activate the online directory on your base via the Web configurator. It is particularly important that you store the user name and password for accessing the private net directory in the base.

You can use the directory from every registered handset.

Opening the online directory


Prerequisite: The base is in idle status.

 Press and **hold**.

Or:

 →  **Contacts** → **Network Directory**



This opens the list of (online) directories. The provider-specific name is displayed for the private net directory.

 Select the private online directory from the list and press **OK**.

Your private online directory is opened.

Please note

If there is no other online directory available apart from the private online directory:


- ▶ Press  **briefly**. The private online directory opens.
- ▶ Press and **hold** . The base local directory opens.


The entries in the online directory are sorted alphabetically according to the first non-space field in the entry. This is generally the nickname or surname.

Selecting, viewing and managing entries in the online directory


Prerequisite:

The online directory is open (see above).

- ▶ Scroll with  to the required entry.
Or:

Enter the first letter of the name and scroll with  to the required entry.

- ▶ Press the display key **View**.

The detailed view with the complete entry opens. You can scroll through the entry with the control key .


The following data is shown, if available (in the sequence specific to the provider):

Nickname, name, first name, phone number, mobile number, VoIP number, street, house number, post code, town/city, company name, business type, date of birth, e-mail.

* Dependent on the provider

Using other functions

Options Press the display key.

You can select the following functions with :

Edit nickname

You can edit or delete the nickname in an entry. Press **Save** to save the change.

Copy to Directory


Copy an entry to the local directory
(→ **page 60**).

Please note

You can copy numbers from a public directory to your private online directory
(→ **page 63**).

Calling up an entry in the online directory

Prerequisite: You have opened the online directory.

 Select entry (open the details view, if necessary).

 Pick up the receiver.

If the entry only contains one phone number, this is the one that is dialled.

If the entry contains more than one phone number (e.g., mobile number and phone number), they are offered to you for selection.

 Select the number to be dialled.

OK Press the display key.

The selected phone number is dialled.

Transferring the local directory to the private online directory

You can save entries in the local directory in vCard format as a vcf file on your PC with the help of the Web configurator (→ user guide for the Web configurator on the enclosed CD).

Several providers support functions on your Web pages that you can use to copy these files to the online directory.

Making cost-effective calls

After making a call, you can view the costs.

Displaying call duration/charges

The **charges** or the **duration** of a call always appear on the display during an external call:

- ◆ During the conversation
- ◆ Until approximately 3 seconds after replacing the receiver.

Please note

The actual charges or the duration of the call can vary from that shown by a few seconds.

If the metering pulse is transmitted, the **call duration** is displayed instead of the **call charges** during an outgoing, external call.

The charges are automatically transmitted when using the Swisscom ISDN network. The factor is CHF 0.10. You only receive information for the current call. It is not possible to check total charges (accumulated costs).

Sending SMS (text messages)

Your phone is delivered ready to send SMS messages immediately.

Please note

When supplied, the access number (062 210 00 0*) for the Swisscom SMS centre is pre-programmed.

Prerequisites:



- ◆ Calling Line Identification (CLIP → **page 42**) is enabled for your phone connection.
- ◆ Your network provider supports the SMS service (information on this is available from your network provider).
- ◆ The number of the SMS centre is entered. Register with the Swisscom ISDN network by sending an SMS.
- ◆ An incoming SMS is signalled by one alert tone.

Please note:

If you wish to receive SMS messages via several MSNs, you must register each MSN separately with your service provider.

Writing/sending SMS

Writing an SMS

 →  **Messaging** → **SMS**

New SMS Select and press **OK**.



Write SMS.

Please note

- ◆ For instructions on entering text and special characters, please see **page 129**.

- ◆ An SMS can be up to 612 characters. If there are more than 160 characters, the SMS is sent as a **linked** SMS (up to 4 SMS messages with 153 characters each). The top right of the display shows how many characters are still available and the number in brackets shows which part of a linked SMS is currently being written. Example **447 (2)**.
- ◆ Please note that linking SMS messages usually incurs higher charges.

Sending an SMS

Options Press the display key.

Send Select and press **OK**.

SMS Select and press **OK**.



Select number with area code (even if you are in that area) from the directory or enter directly. For sending SMS messages to an SMS mailbox: add the mailbox ID to the **end** of the number.

Send Press the display key. The SMS is sent.

Please note



- ◆ If you are interrupted by an external call while writing an SMS, the text is automatically saved in the draft list.
- ◆ If the memory is full, or if the SMS function is being used by a handset, the operation is cancelled. An appropriate message appears in the display. Delete SMS messages you no longer require or send the SMS later.


SMS status report*

Prerequisite: Your network provider supports this feature.

If you have activated the status report, you will receive an SMS with a confirmation message after sending.


Activating/deactivating a status report

 →  **Messaging** → **SMS** → **Settings**
Status Report

Select and press **Change**
( = on).

Reading/deleting status report/saving number to directory

► Open the incoming message list
(→ **page 69**) and then:

 Select SMS with **State OK** or **State not OK** status.

Read Press the display key.

◆ Delete:
Options → **Delete Entry** → **OK**.

◆ Copy to directory:
Options → **Copy to Directory** → **OK**.

◆ Delete entire list:
Options → **Delete List** → **OK**.

Draft list

You can save an SMS in the draft list and edit and send it later.

Saving an SMS in the draft list

► You are writing an SMS (→ **page 67**).

Options Press the display key.

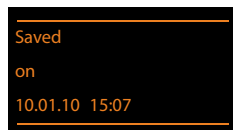
Save Select and press **OK**.

After saving, the SMS editor will be displayed again with your SMS. You can continue writing the text and save it again. The SMS that was saved previously will be overwritten.

Opening the draft list

 →  **Messaging** → **SMS** → **Draft**


The first list entry is displayed, for example:




If the entry has been saved with the phone number i.e., when an SMS was saved from the incoming list, the number is displayed in the first line.

Reading or deleting SMS messages

► Open the draft list and then:

 Select SMS.

Read Press the display key. The text is displayed. Scroll line by line using .

Or delete the SMS with

Options → **Delete Entry** → **OK**.

Writing/changing an SMS

► You are reading an SMS in the draft list.

Options Open menu.

You have the following options:

Send

Send stored SMS (→ **page 67**).

Edit

Edit the text of the saved SMS and then send it (→ **page 67**).

Character Set

Display text in the selected character set.

Deleting the draft list

► Open the draft list and then:

Options Open menu.

Delete List Select, press **OK** and confirm with **Yes**. The list is deleted.



* Currently not supported on the Swisscom network.

Sending SMS messages to an e-mail address*

If your service provider supports the **SMS as e-mail** feature, you can also send your SMS messages to e-mail addresses.

The e-mail address must be at the beginning of the text. You must send the SMS to your SMS service centre's e-mail service.

 →  **Messaging** → **SMS**
→ **New SMS**

 /  Transfer the e-mail address from the directory or enter it manually. End the entry with a space or colon (depending on the service provider).

 Enter the SMS text.

Options Press the display key.

Send Select and press **OK**.

E-mail Select and press **OK**. If the number of the e-mail service is not entered (→ **page 72**), enter the number of the e-mail service.

Send Press the display key.

Sending SMS messages as a fax*

You can also send an SMS to a fax machine.



Prerequisite: Your network provider supports this feature.

▶ You are writing an SMS (→ **page 67**).

Options Press the display key.

Send Select and press **OK**.

Fax Select and press **OK**.

 /  Select number from the directory or enter it manually. Enter the number with area code (even if you are in the same area).

Send Press the display key.

Receiving an SMS

All received SMS messages are saved in the incoming list. Linked SMS messages are displayed as **one** message. If this is too long or is not transferred completely, it is split into individual messages. Since an SMS remains in the list even after it has been read, **regularly delete SMS messages from the list**.



The display tells you if the SMS memory is full.

- ▶ Delete SMS messages you no longer require (→ **page 70**).

Incoming SMS list

The incoming list contains:

- ◆ All received SMS messages regardless of the MSN it was intended for. All received SMS messages are displayed on all handsets and on the base.
- ◆ SMS messages that could not be sent due to an error.

New SMS messages are indicated by the  icon in the display, the  message key flashing and an advisory tone sounding.

Opening the incoming list with the key

 Press.

The incoming list displays the number of entries (example):

SMS: (2)

Bold: New entries

Normal font: Old entries

- ▶ Open list with **OK**.

Every entry in the list contains:

- ◆ The number or name of the sender
- ◆ The receive connection to which the SMS is addressed
- ◆ The date of receipt

* Dependent on the provider; currently not supported on the Swisscom network.

Sending SMS (text messages)

Example:



Opening the incoming list via the SMS menu

→ **Messaging** → **SMS**
→ **Incoming**

Deleting the incoming list

All **new** and **old** SMS messages in the list are deleted.

► Open the incoming list.

Options Open menu.

Delete List Select, press **OK** and confirm with **Yes**. The list is deleted.

Reading or deleting SMS messages

► Open the incoming list, then:

Select SMS.

Read Press the display key. The text is displayed. Scroll line by line using .

Or delete the SMS with

Options → **Delete Entry** → **OK**.

After you have read a new SMS, it is given the status "Old" (is no longer shown in bold).

Changing the character set

If you cannot see any text or symbols, the SMS may have been written with a different character set (Cyrillic, Greek etc.).

► Read the SMS

Options Press the display key.

Character Set

Select and press **OK**.

Select character set and press the **Select** display key (= on).

The text is shown in the selected character set. The setting only applies to the current SMS.

Replying to or forwarding SMS messages

► Read the SMS

Options Press the display key.

You have the following options:

Reply

Write and send a new SMS to the sender (**page 67**).

Edit

Edit the text in the SMS and return it to the sender (**page 67**).

Forward

Forward the SMS to another number (**page 67**).

Copying the number to the directory

Copying the sender's number

► Open the incoming list and select the SMS (→ **page 69**).

Options → **Copy to Directory**

► Complete the entry (→ **page 57**).

Please note

An attached mailbox identifier is added to the directory.

Copying/dialling numbers from an SMS

► Read the SMS and scroll to the telephone number.

The digits are highlighted.

Press the display key.

Complete the entry (→ **page 57**).

Or:

Pick up the receiver to dial the number.

If you wish to use the number to send an SMS:


► Save the number with the local area code (dialling code) in the directory.

If an SMS contains several numbers, the next number will be highlighted if you scroll down until the first number disappears from the display.

Please note

- ◆ The + symbol is not transferred for international area codes.
 - ▶ You should then enter '00' at the start of the number.
- ◆ If there are no more entries available in the directory, you can only overwrite or modify an existing entry.

SMS with vCard

The vCard is an electronic business card. It is indicated by the  icon in the body of the SMS.

A vCard can include:

- ◆ Name
- ◆ Private number
- ◆ Business number
- ◆ Mobile number
- ◆ Birthday

Individual entries in a vCard can be saved to the directory one after the other.

Opening the vCard

- ▶ Read the SMS containing the vCard.

View Press the display key to open the vCard.

Then:

Back Press the display key to return to the SMS text.

Or:

 Select the number.

Save Press the display key.

When you save a number, the directory is opened automatically. The number and name are copied. If a birthday is entered on the vCard, the date is copied to the directory as an anniversary.

- ▶ If necessary, edit the entry in the directory and save it. You will return to the vCard automatically.

Receiving notifications via SMS

You can receive notification of missed calls or new messages on the answering machine via SMS.



Prerequisite: The caller's number (CLI) must have been transmitted in the missed call.

Notification is sent to your mobile or another phone with SMS functionality.

You only need to save the telephone number to which you wish the notification to be sent.

Please note

Your provider will usually charge for SMS notifications.

 →  **Messaging → SMS → Settings → Notification**

- ▶ You can enter data in the following fields:

To:

Enter the number (including area code) to which the SMS is to be sent.

For missed calls:

Select **On** if you require SMS notification.

Msg. on Answer M.:

Select **On** if you require SMS notification.

Save Press the display key.

Warning

Do **not** enter your own network number for the notification of missed calls. This can lead to chargeable endless looping.

Setting the SMS service centre/defining the send line

Please note

When supplied, the access number (062 210 00 0*) for the Swisscom SMS centre is pre-programmed.

SMS messages are exchanged between SMS service centres operated by service providers. You must enter the SMS service centre through which you wish to send and receive SMS messages into your phone. You can receive SMS messages from **every** SMS service centre that is entered, provided you have registered with your service provider. This happens automatically when you send the first SMS via the relevant service centre.

Your SMS messages are sent via the **SMS service centre** that is entered as the **active send service centre**. However, you can activate any other SMS service centre as the active send service centre to send a current message ([page 72](#)).

The following SMS centre is pre-programmed:



- 062 210 00 0* (Swisscom)


Should you have any questions regarding the SMS service, please contact your provider.

If no SMS service centre is entered, the SMS menu only contains the entry **Settings**. Enter an SMS service centre ([page 72](#)).

Entering/changing SMS service centres

- Find out about the services and special functions offered by your service provider **before you make a new application** and/or before you delete pre-configured numbers.

 →  **Messaging** → **SMS** → **Settings**
→ **Service Centres**

 Select SMS service centre (e.g., **Service Centr. 1**) and press **OK**.

- You can enter data in the following fields:

Active Send:

Select **Yes** if SMS should be sent via the SMS service centre. For the SMS centres 2 to 4, the setting only applies to the next SMS.

SMS Service Centre no.:

Enter the number of the SMS service.

E-mail Service no.:

Enter the number of the e-mail service.

Send via:

Select the MSN via which you wish to send the SMS messages.

Save Press the display key.

Please note

If the selected send connection is deleted from the configuration, the first ISDN connection in the configuration is used.

Sending an SMS via another SMS service centre


- ▶ Select **Service Centr. 2, 3 or 4** and activate it as the active send service centre (set **Active Send = Yes**). **Service Centr. 1** is automatically deactivated as the send service centre for the next SMS.
- ▶ Send the SMS.

This setting only applies to the next SMS to be sent. After that, the setting returns to **Service Centr.1**.



Activating/deactivating SMS function

If you deactivate the SMS function, you cannot send or receive any SMS messages with your phone.



The settings you have made for sending and receiving SMS messages (e.g., the numbers of the SMS service centres) and the entries in the incoming and draft lists are saved even after deactivation.

 Open the main menu.

      
Enter the digits.

  Deactivate the SMS function.

Or:

  Activate the SMS function (default setting).

Troubleshooting SMS problems

Error codes when sending

| | |
|----|--|
| E0 | Calling Line Identification permanently restricted (CLIR) or Calling Line Identification is not working. |
| FE | Error occurred during SMS transfer. |
| FD | Connection to SMS service centre failed; see self-help. |

Self-help with errors

The following table lists problem situations and possible causes and provides advice on troubleshooting.

You cannot send messages.

1. The "Calling Line Identification Presentation" feature (CLIP) is not working.
 - ▶ Ask your service provider to check this service.
2. SMS transmission has been interrupted (e.g., by a call).
 - ▶ Re-send the SMS.
3. The provider does not support this feature.
4. No number or an invalid number is entered for the SMS service centre set as the active send service centre.
 - ▶ Enter the number (→ [page 72](#)).

You receive an incomplete SMS.

1. Your base's memory is full.
 - ▶ Delete old SMS messages (→ [page 68](#)).
2. The service provider has not yet sent the rest of the SMS.

You have stopped receiving SMS messages.

Call divert is activated for **All Calls** or call divert is activated for **All Calls** for the network mailbox.

- ▶ Change the call divert settings (→ [page 46](#)).

Sending SMS (text messages)

The SMS is played back.

1. The "display call number" feature is not activated.
 - ▶ Ask your service provider to enable this feature (there is a charge for this).
2. No agreement is in place between your mobile operator and your fixed line SMS service provider.
 - ▶ Obtain information from your fixed line SMS service provider.
3. Your terminal has been recorded by your SMS provider as having no fixed line SMS functionality i.e., you are not registered with the provider.
 - ▶ Send any SMS to automatically register your base to receive SMS.

Messages are only received during the day.



The terminal is recorded in your SMS provider's database as having no fixed line SMS functionality i.e., you are not registered with the provider.

- ▶ Obtain information from your fixed line SMS service provider.
- ▶ Send any SMS to automatically register your base to receive SMS.


E-mail notifications


Your phone will notify you when new e-mail messages have been received on your incoming e-mail server.

You can set your phone to periodically connect to your incoming e-mail server and check whether you have new e-mail.

Any new e-mail messages that have been received are displayed on the base and on all Gigaset and Aton handsets that have been registered: you will hear an advisory tone, the message key  will flash and the  icon will be displayed in the idle display.

Please note

The  symbol is also displayed when you have new SMS messages.

If new e-mail messages have been received, pressing the message key  will display them in the **E-mail** list.


You can use your phone to connect to the incoming e-mail server and display the sender, date and time of receipt, subject and text (abbreviated if necessary) for every e-mail message in the incoming mail list ([→ page 75](#)).

Prerequisites:

- ◆ Your base is connected to the Internet.
- ◆ You have set up an e-mail account with an ISP.
- ◆ The incoming e-mail server uses the POP3 protocol.
- ◆ You have stored the name of the incoming e-mail server and your personal access data (account name, password) in the phone via the **Web configurator** (refer to the Web configurator user manual on the enclosed CD).

Opening the incoming e-mail list

 →  **Messaging** → **E-mail**

Or if new e-mail messages have been received (message key  flashes):

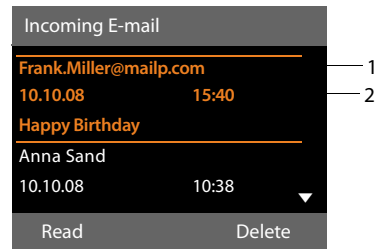
 → **E-mail**

The phone establishes a connection to the incoming e-mail server. A list of e-mail messages that are stored there is displayed.

New unread messages appear above old read messages. The most recent entry is at the head of the list.

The following details are displayed for each e-mail: name or e-mail address of the sender (one line, abbreviated if necessary) and date and time (date and time will only display correct values if sender and recipient are located in the same time zone).

Example display:



- 1 E-mail address or name transmitted by the sender (abbreviated if necessary)

Bold: New message.

All e-mail messages that were not present in the incoming e-mail server when the inbox was last opened are identified as "new".

All other e-mails are not marked, regardless of whether or not they have been read.

- 2 Date and time of receipt of e-mail message

If the inbox on the incoming e-mail server is empty, **No entries** will appear in the display.

Please note

Many e-mail providers activate spam protection measures by default. E-mail messages classified as spam are stored in a separate folder and are therefore not shown in the incoming mail list.

Some e-mail providers allow you to deactivate spam protection or show spam e-mails in the incoming mail list.

Other e-mail providers may send a message to the inbox when a new spam e-mail is received. This is to inform you that a suspected spam e-mail has been received.

The date and sender of this mail are repeatedly updated, so that it is always displayed as a new message.

Messages when establishing a connection

The following problems may occur when connecting to the incoming e-mail server. The messages are displayed in the display for a few seconds.

E-mail server inaccessible

The connection to the incoming e-mail server could not be established. This may have the following causes:

- Incorrect entry for the name of the incoming e-mail server (→ Web configurator).
- Temporary problems with the incoming e-mail server (server is down or is not connected to the Internet).
- ▶ Check settings in the Web configurator.
- ▶ Try again later.

Currently not possible

The resources your phone requires to make the connection are busy, e.g.:

- The permitted number of VoIP connections has already been reached.
- One of the registered handsets is currently connected to the incoming e-mail server.
- ▶ Try again later.

Login failed

Error when logging in to the incoming e-mail server. This may have the following cause:

- Incorrect entries for name of incoming e-mail server, user name and/or password.
- ▶ Check settings (→ Web configurator).

Mailbox settings incomplete

Incomplete entries for name of incoming e-mail server, user name and/or password.

- ▶ Check/add to settings (→ Web configurator).

Viewing the message header and text of an e-mail

Prerequisite: You have opened the incoming mail list (→ [page 75](#)).



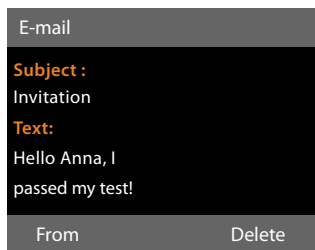
Select an e-mail entry.



Press the display key.

The subject of the e-mail (maximum of 120 characters) and the first few characters of the text are displayed.

Example display:



- 1 **Subject** of the e-mail message. A maximum of 120 characters are displayed.
- 2 **Text** of the e-mail message (abbreviated if necessary).



Press the red end key to return to the incoming message list.

Please note

If the e-mail does not contain any standard text, the message **E-mail can't be displayed** will briefly appear.

View e-mail sender's address

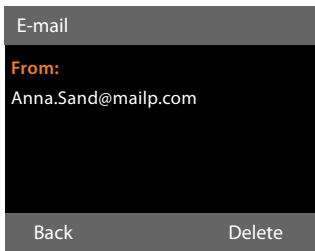
Prerequisite: You have opened the e-mail notification to read it (→ [page 76](#)).

From Press the display key.

The sender's e-mail address is displayed, over several lines if necessary (maximum 60 lines).

Back Press the display key to return to the incoming message list.

Example:



Deleting e-mail messages

Prerequisite: You have opened the incoming e-mail list (→ [page 75](#)) or the header or sender's address for an e-mail is displayed (→ [page 76](#)):

Delete Press the display key.

Yes Press the display key to confirm the security prompt.

The e-mail is deleted from the incoming e-mail server.

Info centre – continuous Internet access from your phone

You can use your base to retrieve online content from the Internet i.e., request info services that are provided specifically for the telephone. The info services available are constantly updated. A default selection has already been made, but you can change these settings and add new services. Visit the Gigaset.net page www.gigaset.net on the Internet and compile your personal info services.

Customising info services

- ▶ Open the Web configurator page **Settings → Services → Info Services** on the PC (see user guide for the Web configurator on the enclosed CD).
- ▶ Click the link gigaset.net/myaccount.

Or:

- ▶ Enter the following address in the address field of your PC's Web browser: www.gigaset.net
- ▶ Enter your Gigaset.net user ID and password on the Gigaset.net page. You will find your user ID and password on the Web configurator page specified above.

In both cases, a Web page is opened on which you can compile your info services.

Please note

You can launch the info centre and display info services with both the base and with registered Gigaset SL78H, SL400H and Aton CLx315 handsets.

Starting the info centre, selecting info services

→ Additional Features → Info Centre

Your info centre menu i.e., a list of available info services is displayed. You can navigate between the info services.



Select the info service and press **OK**.

To access certain info services (personalised services), you have to log in with a user name and password. In this case, enter your access data as described in the "**Login for personalised info services**" section on **page 79**.

Messages when loading requested information

The information is loaded from the Internet. Wait a few seconds until the information is displayed. The display shows **Please wait....**

If the information for an info service cannot be displayed, one of the following messages appears:

Requested page can't be reached.

Possible causes of this are:

- ◆ Time limit exceeded (timeout) when loading the information
- ◆ The Internet server for the info services cannot be accessed.
- ▶ Check your Internet connection and repeat the request at a later date.

Coding error on requested page

The content of the requested info service is coded in a format which the base cannot display.

Can't display requested page

General error when loading the info service.

Login failed.

Login has failed. Possible causes of this are:

- ◆ You have not entered your login data correctly.
 - ▶ Reselect the info service and repeat the login process. Please remember that data is case sensitive.
- ◆ You are not entitled to access this info service.

Login for personalised info services

If a special login process with user name and password is required to access an info service, the following is displayed after the service has been called up:

Authent. Name

Enter the user name supplied by the provider of the info service.

Save

Press the display key.

Password

Enter the password associated with this user name.

Save

Press the display key.

If login was successful, the requested info service is displayed.

If login failed, a message to this effect appears on the display → **Messages when loading requested information (page 78).**



Please note

Please remember that login data is case sensitive. For information on entering text, → **page 129.**

Operating the info centre

Depending on the type of info service requested, you can carry out the following operations:


Scrolling within an info service

- ▶ You can use  to scroll downwards within an info service, and  to scroll up (back).


Skipping back to the previous page

- ▶ Press the left display key.

Skipping back to the info centre menu

- ▶ Briefly press the red end key .

You want to go offline:



Press and **hold** the red end key , the base returns to idle status.

Selecting a hyperlink

Hyperlink to further information:



If the page contains a hyperlink to further information, this is indicated by the ► icon.


If a page with hyperlinks is opened, the first hyperlink is highlighted.

- ▶ Using the control keys ( and/or ) as required, you can navigate to the hyperlink that you would like to select. The hyperlink is then highlighted by bars.
- ▶ Press the right display key **Link** to open the relevant page.

Hyperlink to a phone number:

If a hyperlink contains a phone number, you can copy the number to the local directory or call the number directly (Click-2-Call functionality).

- ▶ Select the hyperlink using the  and/or  keys, as required.

- ▶ You can identify a hyperlink of this type by the fact that **Call** is shown above the right display key.
- ▶ Press the display key  to copy the phone number to the local directory on your base.

Or:

- ▶ Press **Call** to call the stored number.



Depending on the provider, if you press **Call**,

- ◆ The number is dialled directly
- ◆ The number appears first in the display, in which case you must first confirm the number before it is dialled.
 - ▶ If you press **Yes**, the number is dialled.



Or:

- ▶ If you press **No**, the page is displayed again with the hyperlink. The number will **not** be dialled.



Entering text

- ▶ If necessary, use  to navigate to the line containing the field into which you want to enter text. The cursor flashes in the text field.
- ▶ Enter the text using the keys on the base ( **page 129**).
- ▶ If necessary, navigate to other text fields to complete them or make a selection (see below).
- ▶ Press the right display key to complete the entry and send the data.

Making selections



- ▶ If necessary, use  to navigate to the line in which you would like to make a selection.
- ▶ Press left or right on the control key several times to make the required selection.
- ▶ Use  to navigate to other selection fields and make your selection as described above.
- ▶ Press the left display key to complete the selection and send the data.

Setting options


- ▶ Use  to navigate to the line containing the option. The line is highlighted.
- ▶ Activate or deactivate the option via the control key  (press right) or the left display key (e.g., **OK**).
- ▶ If necessary, navigate to other options or text fields to set or complete them.
- ▶ Press the left display key (e.g., **Send**) to complete the entry and send the data.

Displaying information from the Internet as a screensaver

You can configure your base to display a customised information feed (e.g., weather reports, newsfeeds) in the device's idle display.


To do so, you must enable the **Info Ticker** ( **page 109**) or the **Info Services** ( **page 109**) screensaver on your base and activate the display of info services via the Web configurator.

Please note

The default setting is the weather report. You can select the information to be displayed via the gigaset.net server ( **page 78**).

The text information appears on the display approx. 10 seconds after the base returns to idle status.

Depending on the information feed selected, a display key appears on the right of the screensaver (e.g., **More**),

- ▶ Press the right display key to call up further information.
- ▶ Press and **hold** the red end key  to return to idle status.

Operating the base's answering machine

You can operate the answering machine that is integrated into the base using the keys on the base (→ [page 3](#)), via a registered handset or by remote operation (other phone/mobile). You can only record own announcement message or advisory message via the base or a handset.

The base has three answering machines (AM1, AM2, AM3), which can be activated and used independently of each other.

Once the base has been set up, AM1 is activated and all base MSNs are assigned to it as receive connections.

AM2 and AM3 are available once you have assigned at least one receive connection to them.

Each answering machine only receives calls that are directed to its receive connections. Each answering machine can only be operated via the end devices (base/handsets) to which at least one of the machine's receive connections is assigned.

Assigning receive connections

Prerequisite: At least two MSNs have been configured on your base.

 →  **Settings** → **Telephony**
→ **Receive Connections**


Answer Machine 1/2/3

Select and press **OK**.

- ▶ You can enter data as follows:

For each configured connection (MSN), an entry **Receive calls for xxx** (xxx = name of connection) is displayed.

Make the following setting for every configured base MSN.

- ▶ Select  **Yes** if the answering machine should accept calls made on the connection in question.

If the connection is already assigned to another answering machine as a receive connection, you cannot select **Yes**.

Select **No**, if the receive connection should not be assigned to this answering machine.

Please note

If an answering machine is to accept calls via the GSM connection on your mobile, which itself is connected to the telephone via Bluetooth, you must select the GSM connection as the receive connection. The name of the mobile is displayed for the GSM connection in the list of known devices.

The times set for ring delay on the mobile mailbox and answering machine determine which of these will accept calls.

Parallel calls

If a caller is connected to an answering machine and a second calls comes in for this answering machine, the second caller will hear the dialling tone. The call is signalled to the devices (base, handsets) to which the receive connection is assigned.

If the second call is not accepted, the answering machine will accept this call if:

- ◆ The connection with the first caller has ended and
- ◆ The set time period for the answering machine to answer a call (→ [page 86](#)) has expired.

Answering machine mode

You can use two different modes for each of the three answering machines.

- ◆ In **Answer & Record** mode, the caller hears the announcement and can then leave a message.
- ◆ In **Answer only** mode, the caller hears your announcement but cannot leave a message.

Operating via the base

The speaker activates **automatically** if you receive an acoustic prompt or message while operating. You can deactivate hands-free mode by picking up the receiver.


Operation via the menu on the base is the same as operation via a registered Gigaset SL78H, SL400H or Aton CLx315 handset.

Activating/deactivating and setting answering machine mode

You can choose between **Answer & Record**, **Answer only** and **Alternating**. By using the **Alternating** setting, you can activate answer and record mode for a set period of time; outside this period the caller will only hear the announcement.

 →  → **Activation**

The list of answering machines that share a receive connection with the base is displayed. Activated answering machines are marked with ✓.

 If necessary, select answering machine.

Change Press the display key.

► You can enter data in the following fields:

Activation:

Select **On** or **Off** to activate/deactivate the answering machine.

Mode:

Select **Answer & Record**, **Answer only** or **Alternating**.

If **Alternating** mode is selected:




Record from:

Enter hours/minutes for the start of the period in 4-digit format.
(The time **must** be set.)

Record until:

Enter hours/minutes for the end of the period in 4-digit format.


Save Press the display key.

When you switch the answering machine on, the remaining memory time is announced. If the time has not yet been set, a corresponding announcement is made (set time → **page 114**). The  icon is shown on the display, as well as a digit for the activated answering machine(s) (e.g.,   2, 3).

If the message memory is full and **Answer & Record** or **Alternating** mode has been selected, you will first be asked to delete old messages. The answering machine is activated as soon as you have deleted old messages.

If there is no time available, the answering machine changes from **Alternating** mode to **Answer & Record** mode until the time is available again.

Activating the answering machine via the key on the base

► Press the  key to activate or deactivate all answering machines that share a receive connection with the base.

If several answering machines are assigned to the base and these are not all deactivated, proceed as follows:

1. Press the  key:

All answering machines assigned to the base are deactivated.

2. Press the  key:

All answering machines are activated.

Recording a personal announcement/advisory message


The base is supplied with pre-recorded announcements for answer and record mode and for answer only mode. If a personal announcement has not been recorded, the relevant pre-recorded announcement is used.

You can record your own personal announcement for answer and record mode and answer only mode for each answering machine.

Please note

You can use the base to manage the announcements for all answering machines with at least one receive connection assigned. A registered handset can only manage answering machines that have at least one common receive connection with the handset.

 →  → **Announcements**
→ **Record Announcemnt. /**
Record Advisory Msg.

 If necessary, select answering machine and press **OK**.



OK Press the display key to start the recording.

If you have not picked up the receiver, handsfree mode is activated.

You hear the ready tone (short tone).

- ▶ Now say your announcement (at least 3 seconds).

End Press the display key to end the recording.

Use , the red end key  or **Back** to cancel recording and **OK** to restart the recording process.


After recording, the announcement is played back for you to check. You can re-record the announcement with **New**.

Please note:



- ◆ Recording ends automatically if the maximum recording time of 170 seconds is exceeded or there is a break in speech for more than 2 seconds.
- ◆ If you cancel the recording, the default announcement is used.
- ◆ The recording is not started or cancelled if the answering machine memory is full.
 - ▶ Delete old messages and the answering machine will automatically switch back to **Answer & Record** mode.
 - ▶ Repeat recording if required.

Playing back announcements

 →  → **Announcements**
→ **Play Announcement /**
Play Advisory Message

 If necessary, select answering machine and press **OK**.

If you have not recorded a personal announcement, the relevant pre-recorded announcement is played.

Use , the red end key  or **Back** to stop playback.

Record a new announcement while playing the announcement:


New Press the display key.

If the answering machine's memory is full, it will switch to **Answer only** mode.

- ▶ Delete old messages and the answering machine will automatically switch back to **Answer & Record** mode. Repeat recording if required.

Deleting announcements/advisory messages

 →  → **Announcements**
→ **Delete Announcemnt. /**
Delete Advisory Msg.

 If necessary, select answering machine and press **OK**.


Yes Press the display key to confirm the prompt.


Once you have deleted your announcement for the specified answering machine, the relevant pre-recorded announcement is used again.

Playing back messages

The date and time of each message is logged (provided this has been set, → **page 114**) and displayed during the playback. If Calling Line Identification is activated, the caller's number or name is displayed. If the caller's number is saved in the directory, their name is displayed. For more information about the display → **page 42**.

Playing new messages

New messages that have not yet been played back are indicated by the **LO** icon in the second display line and by the  key flashing.


 Press the message key.

Answer Mach. 1: / Answer Mach. 2: / Answer Mach. 3:

Select an answering machine from the list and press **OK**.


Or:

 Press the play key.

 If necessary, select an answering machine and press **OK**.

Or:

 →  → **Play Messages**

 If necessary, select an answering machine and press **OK**.

Only the local answering machines that share a receive connection with the base are displayed.

The speaker on the base is activated.

If there are new messages, playback then begins with the first new message. After the last new message, you will hear the end tone and an announcement stating how much recording time remains.

If the message has been saved with the date and time, you will hear an appropriate announcement before playback begins.

All stored messages are played back regardless of the associated receive connection.

During playback, the entries in the answering machine list are shown on the display.





After the entry time and date have been played back (after approx. 3 seconds), a new message assumes the status "old".

Playing old messages



If there are no more new messages, you can start playing older messages as described in "**Playing new messages**" on **page 84**.



Stopping and controlling playback



During message playback:

 /  Stop playback. Press  /  again to resume **or**

Options Press the display key.
To continue select **Continue** and press **OK**.

 (press and hold) or 
During time stamp playback:
Skip to previous message.
During message playback:
Skip to the start of the current message.

 (briefly press) or 
During time stamp playback:
Skip to previous message.
During message playback:
Repeat the last five seconds of the current message.

 or  Go to the next message.

If playback is interrupted for over a minute, the answering machine returns to idle status.

Marking a message as "new"

A previously played back "old" message is displayed as a "new" message again.

During message playback or pause:

 Press the star key.

Or:


Options Open menu.

Mark as New

Select and press **OK**.

An announcement informs you of the message's new status.

Playback of the current message is cancelled. Playback of next message starts, if applicable.

The  key on the handset flashes.

Copying the phone number from a message to the directory

During playback or pause:

Options → **Copy to Directory**

► Complete the entry (→ [page 60](#)).

Deleting messages

You can either delete all old messages together or individually.

Deleting all old messages



During playback or pause:

Options → **Delete Old List** **OK**

Yes Press the display key to confirm the prompt.

Deleting an individual message

During playback or pause:

Delete /  Press the display key or the  digit key.

You can only delete new messages once the time stamp has been played back along with the first few seconds of the message.


Accepting a call from the answering machine

You can pick up a call while the answering machine is recording or is being operated via remote operation:

 **Accept** / 

Pick up the receiver, press the handsfree key or display key.

Recording stops and you can speak to the caller.

If three seconds of the message have already been recorded when you accept the call, the message is saved. The  key flashes.

You can answer the call, even if it is not signalled.

Diverting an external call to the answering machine

You can divert an incoming external call to the answering machine.

It is only possible to divert a call, if:

- ◆ The call comes in on a receive connection that is assigned to one of the answering machines
- ◆ The answering machine to which the receive connection is assigned is activated and not engaged with another call
- ◆ There is sufficient memory available on the answering machine

Prerequisite: An external call is signalled on the base:

Options Open menu.

Divert to AM

Select and press **OK**.

The answering machine starts immediately in answer & record mode and records the call. The set time for ring delay ([page 86](#)) is ignored.

Activating/deactivating two-way record

You can record an **external** call with the answering machine.

Prerequisite:

You are conducting an external call:

- Inform the caller that the call is being recorded.

Options Open menu.

Two-Way Record

Select and press **OK**.

Two-way record is indicated on the display by an advisory text and is added to the answering machine list as a new message.

End Press the display key to stop two-way record.

- ◆ If the MSN used for the call is assigned to an answering machine as a receive connection, the call is recorded by this answering machine.

Operating the base's answering machine

- ◆ If the MSN is not assigned to an answering machine as a receive connection, the call is recorded by **Answer Machine 1**.

If the answering machine that is supposed to record the call is busy with another call, the message **Currently not possible** is displayed and you will hear the end tone.

The maximum recording time depends on the memory available on the answering machine. If the memory is full, you will hear an end tone, the recording is aborted, and the call recorded up to that point is listed in the answering machine list as a new message.

Activating/deactivating call screening

While recording a message, you can screen a call via the base speaker or registered handset.

Permanently activating/deactivating call screening

 →  → **Call Screening**

Desktop Phone

Select to activate/deactivate call screening on the base (☒ = on).

Handset Select to activate/deactivate call screening on the registered handsets (☒ = on).

Change Select display key to activate/deactivate the function.



Deactivating call screening for the current recording

You can deactivate the function during the recording.

On the base:

Silence Press the display key.

Answering a call

 /  Press the handsfree key or pick up the receiver.

Setting the recording parameters

The answering machine has already been preset at the factory. You can adjust individual settings via the base or a registered handset.

 →  → **Recordings**

► You can enter data in the following fields:

Length:

Select maximum recording length **1 Min.**, **2 Min.**, **3 Min.** or **Maximum**.

Quality:

Select **Excellent** or **Long Play** recording quality. If the quality is higher, the maximum recording time is reduced.

Ring Delay:

Select when the answering machine should accept a call: **Immediately**, after **10 sec.**, **18 sec.**, **30 sec.** or **Automatic**.

Save Press the display key.

Information about ring delay

In **Automatic** mode, the following applies for ring delay:

- ◆ If there are no new messages, the answering machine answers a call after 18 seconds.
- ◆ If new messages are present, the answering machine answers a call after 10 seconds.

When operating remotely (→ **page 87**), you can tell after approx. 15 seconds that there are no new messages (otherwise the answering machine would have already accepted your call). There are no call charges if you hang up now.

Changing the language for the voice prompt and default announcement



Open the main menu.



Enter digits **and** press



To set German.



To set French.



To set Italian.



To set English.

Operating when on the move (remote operation)

You can check and activate your answering machine from any other telephone (hotel, pay phone etc.).

Prerequisites:

- ◆ You have set a system PIN other than 0000 (**page 115**).
- ◆ The phone you are using for remote operation has tone dialling (DTMF) i.e., you hear different tones when you press the keys. Alternatively, you can use a code transmitter (available from retailers).
- ◆ The connection/MSN via which you call is assigned to the answering machine as a receive connection.

Please note

Remote operation via a GSM mobile is only possible if the mobile and the GSM mobile connection transmit DTMF signals.

Calling the answering machine and playing messages



Dial your own number.



When you hear your announcement: Press **9**.

The announcement is aborted.



Enter system PIN.

You are informed whether any new messages have been recorded. The messages are now played back. You can now operate the answering machine with the keypad.

The following keys are used for operation:



During time stamp playback:

Skip to previous message.

During message playback:

Skip to the start of the current message.



Stop playback. Press again to resume.

After a pause of approx. 60 seconds, the connection is ended.



Go to the next message.



Repeat the last five seconds of the message.



During message playback:

Delete current message.



Change the status of a previously played back message to "new".

The next message starts to play.

The remaining memory is announced at the end of the last message.

Operating the base's answering machine

Cancelling remote operation

- ▶ Press the end call key or replace the receiver.

Please note

The answering machine will terminate the connection under the following circumstances:

- ◆ An incorrect system PIN has been entered.
- ◆ There are no messages in the answering machine.
- ◆ After the remaining memory has been specified.

Activating the answering machine

- ▶ Phone home and let the phone ring until you hear: "Please enter PIN" (approx. 50 seconds).



Enter system PIN.

Your answering machine is activated. It tells you how much memory is left.

The messages are played.

The answering machine cannot be deactivated remotely.

If you enter an incorrect PIN or input is taking too long (more than ten seconds), the connection is ended. The answering machine will remain deactivated.

Using the network mailbox (Combox)

Some providers offer answering machines on the network – network mailboxes.

You must have **requested** the network mailbox from your network provider. You can store the number of the network mailbox on the base.

Network mailbox: entering numbers

 →  **Answering Machine**
→ **Network Mailbox**



Enter or change the phone number for the network mailbox if necessary.

Save


Press the display key.



To activate/deactivate the network mailbox, please refer to information from the network provider.

Configuring an answering machine for quick dial



You can use quick dial to make direct calls to the network mailbox or the integrated base answering machine.

Assigning key 1, changing assignment

Quick dial settings are device-specific. You can assign a different answering machine to key  on the base and each registered handset.


 Press and **hold** key .

Or:

 →  **Answering Machine**
→ **Set Key 1**

Network Mailbox / Answering Machine

Select entry and press **Select**

( = on).

You have selected the local Answering Machine:

Quick dial is immediately activated for the local answering machines on the base.



Press and **hold** red end key (idle status).

You have selected the network mailbox:

If a number is already stored for the network mailbox, quick dial is activated immediately.



Press and **hold** red end key (idle status).

If no number is saved for the network mailbox, you are asked to enter the number of the network mailbox.



Enter the number for the network mailbox.

Save

Press the display key.



Press and **hold** red end key (idle status).

Quick dial is activated.

Please note

You can only assign quick dial to **one** answering machine.

You can also call the network mailbox for directly via the message key

(→ **page 90**).

Calling the answering machine via quick dial



Press and **hold**.

If you have set the network mailbox for quick dial you are connected directly to the network mailbox.




If necessary, press the handsfree key.


You hear the network mailbox announcement.

Using the network mailbox (Combox)


If you have set quick dial for the local answering machine on the base, message playback starts only if one answering machine is assigned a receive connection for the base. If multiple local answering machines are assigned to the base, then a list of answering machines will appear.

 Select answering machine and press **OK**.


Displaying new messages in the handset's idle display

If a new message is present on the network mailbox, or there is a new message on the local answering machine, the **OO** icon and the number of new messages are shown on the handset's idle display. The  message key flashes.

Calling the network mailbox using the message key

If the phone number of the network mailbox is stored in the base, you can find the **Mailbox:** list for the network mailboxes under the  message key.

If there are new messages in the network mailbox, the list entry is shown in bold. The number of new messages is shown in brackets following the list entry.

 Press the message key.

Mailbox: Select the network mailbox entry and press **OK**.

You are connected directly to the network mailbox and hear its announcement. Messages can generally be played back using your base keypad (digit codes). Listen to the announcement.

Please note

- ◆ The network mailbox is automatically called via the corresponding connection. An automatic area code specific to your phone is **not** prefixed. Network mailbox messages can generally be played back using your phone's keypad (digit codes).

ECO DECT: Reducing energy consumption and radiation

You are helping to protect the environment with your phone.

Reduced energy consumption

Your base has a power-saving adapter plug and uses less power.

Reducing radiation

The radiation reduces **automatically** depending on the distance of the registered handsets to the base. The closer the handsets are to the base, the lower the radiation.

You can reduce the radiation from the handsets and the base even more by using **Eco Mode**.

Eco Mode reduces radiation by 80% – whether you are making a call or not.

Eco Mode reduces the range by approx. 50%. Using **Eco Mode** always makes sense when a reduced range is sufficient.


Switching off radiation

Eco Mode+

When you activate **Eco Mode+**, the radiation (DECT transmission power) of the base and handset is switched off in idle status, assuming all registered handsets support **Eco Mode+**.



Eco Mode / Eco Mode+ can be activated/deactivated independently of one another and can also be used when multiple handsets are registered on the base.

Activate/deactivate Eco Mode / Eco Mode+

 → Settings → Eco Mode
→ Eco Mode / Eco Mode+

Change Press the display key (☑ = on).

Status displays in idle display

| Display icon | |
|---|--|
|  white | Eco Mode+ enabled |
|  green | Eco Mode+ and Eco Mode activated |
| Nothing shown on the display | Eco Mode activated |

Please note

- ◆ When using **Eco Mode+**, you can ensure that the base is in range by pressing and **holding** the talk key on a handset. You hear the dial tone if the base can be reached.
- ◆ When **Eco Mode+** is enabled:
 - Call setup is delayed by approx. 2 seconds on the handset.
 - Handset standby time is reduced by approx. 50%.
- ◆ Registering handsets that do not support **Eco Mode+** causes the mode to be deactivated on the base and all other registered handsets.
- ◆ Activating **Eco Mode** reduces the range of the base.
- ◆ **Eco Mode / Eco Mode+** and repeater support (→ [page 120](#)) cancel each other out, i.e., if you use a repeater you cannot use **Eco Mode** and **Eco Mode+**.

Setting an appointment (calendar)

You can use your base to remind yourself of up to 30 appointments. Anniversaries entered in the directory (→ [page 61](#)) are automatically recorded in the calendar.

You can select whether the graphic calendar should be displayed in idle status.

When the base is in idle status:


Calendar Press the display key.

Or:

 →  **Organizer** → **Calendar**

Then:

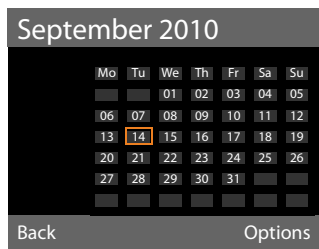
Options → **Show cal. in idle**

▶ Press **Change** to activate/deactivate the function ( = on).



Saving an appointment

Prerequisite: The date and time have already been set ([page 114](#)).

 →  **Organizer** → **Calendar**



- ◆ The current day is selected (outlined in orange).
- ◆ Days on which appointments have already been saved are highlighted in orange.

 /  Select the required day in the graphical calendar.

To skip to the next/previous month, go to the last/first day of the month being displayed and then press right/left (or up/down) on the control key.

The selected day is outlined in orange.

The current day is outlined in white.

After selecting the day:

- Press the centre of the control key.
- ◆ If appointments have already been entered, this will open the list of saved appointments on that day.
Use **<New Entry>** → **OK** to open the window and enter a new appointment.
- ◆ If no appointments have been entered, the input window will open immediately to add the new appointment.
- ▶ You can enter data in the following fields:

Activation:

Select **On** or **Off**.

Date:

Enter the selected date in this field.

Enter day/month/year in 8-digit format, if necessary.

Time:

Enter hours/minutes in 4-digit format.

Text:

Enter text (max. of 16 characters). The text appears as the appointment name in the appointment list and is displayed on the screen during the appointment reminder. **Text** is preset as **Appointment**.

If **Text** does not contain any text, only the date and time of the appointment are displayed.

Signal:

Select a melody with which the appointment should be signalled. If you select **Visual only**, the appointment is only shown on the display.

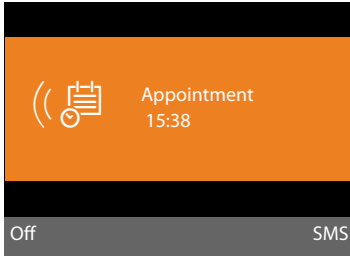
Save Press the display key.

Please note

If you have already saved thirty appointments, you will have to delete an existing appointment before adding a new one.

Signalling appointments and anniversaries

In idle status, an appointment reminder is signalled with the selected ringer melody and will sound for 60 seconds. The name is displayed for anniversaries, while the entered text is displayed for appointments along with the time.



You can deactivate or answer an appointment reminder:

- Off** Press the display key to deactivate the appointment reminder.
- Or:
- SMS** Press the display key to answer the appointment reminder with an SMS.

Please note

During a call, the appointment reminder is signalled by a short tone.
It is entered in the missed alarms list.

Managing appointments

→ **Organizer** → **Calendar**

Editing individual appointments

- / Select a day in the graphical calendar and press the control key . (Days on which appointments/anniversaries have already been saved are highlighted in orange in the calendar).

A list containing the entries for this day is displayed. Anniversaries are marked with , activated appointments with .



Select appointment/anniversary.

View

Press the display key to view the entry.

You can only display anniversaries. You can edit an anniversary via the directory (**page 61**).

With an appointment, select **Options** for the following options:

Edit Entry

(Similar to **Saving an appointment** **page 92**)

Delete Entry

Delete a selected appointment from the list.

Activate / Deactivate

Activate/deactivate an appointment.
A deactivated appointment is not signalled.

Deleting all appointments

In the monthly view:

Options → **Delete all appoint.** → **OK**

Confirm the security prompt with **Yes**.
All appointments are deleted.

Displaying missed appointments, anniversaries

Missed appointments/anniversaries (**page 61**) are displayed in the **Missed Alarms** list if:

- ◆ You do not accept an appointment/anniversary.
- ◆ The appointment/anniversary was signalled during a phone call.

The icon and the number of **new** entries are shown in the display. The most recent entry is at the head of the list.

Open the list by pressing the **message key** (**page 55**) or via the menu:

→ **Organizer** → **Missed Alarms**



Select appointment/anniversary.

Setting the alarm clock

Information about the appointment/anniversary is displayed. A missed appointment is shown with the appointment name (→ [page 92](#)), a missed anniversary with name and surname. The date and time is also given.

Delete Delete appointment

Or:

SMS Write an SMS.

If 10 entries are already stored in the list, the next appointment reminder will delete the oldest entry.

Setting the alarm clock

Prerequisite: The date and time have already been set ([page 114](#)).

Activating/deactivating the alarm clock and setting the wake-up time

 →  **Organizer** → **Alarm Clock**

► You can enter data in the following fields:

Status:

Select **On** or **Off**.



Time:

Enter the wake-up time in 4-digit format.

Occurrence:

Select **Daily** or **Monday-Friday**.


Volume:

Set the volume for the alarm (1–5) or crescendo ring (volume increases with each ring =  .

Signal:

Select the melody for the alarm.

Save Press the display key.

In the idle display header, you see the  icon and the wake-up time.

A wake-up call is signalled on the display (→ [page 4](#)) and with the selected ringer.

The wake-up call sounds for 60 seconds.

If no key is pressed, the wake-up call is repeated twice at five minute intervals and then switched off.

During a call, the wake-up call is only signalled by a short tone.

Deactivating the wake-up call/ repeating after a pause (snooze mode)

Prerequisite: A wake-up call is sounding.

Off Press the display key. The wake-up call is deactivated.

Or

Snooze Press the display key or any key. The wake-up call is deactivated and then repeated after five minutes. After the second repetition the wake-up call is deactivated completely.

Connecting/using other devices

You can upgrade your base to a "PABX" by connecting other communication devices.

You can register up to six handsets and six repeaters to your base.

Each registered device is assigned an internal number (2–7) and an internal name (INT 2–INT 7). You can change the number assignment and names.

If all internal numbers have already been assigned on your base, you must deregister a handset that is no longer required before registering a new one.

You can also connect an analogue fax machine (→ [page 105](#), → [page 120](#)) and six Bluetooth devices (one headset and a total of five GSM mobiles/data devices, → [page 99](#)).

Registering handsets

You must register a handset on the base (1) and on the handset itself (2).

1. On the base:

To set the base to registration mode:

 →  → **Registration**
→ **Register Handset**

The base's DECT interface is (assuming it is deactivated) automatically activated as soon as you set the base to registration mode.

You can register the handset as long as the display on the base shows the message **Please register your handset**.

2. On the handset:

Within approx. **60 seconds**.

- ▶ Start the registration procedure **on the handset** in accordance with the handset's user guide.

You are asked to enter the current system PIN of the base on your handset (default setting: 0000).



Enter the current system PIN and press **OK**.

After registering successfully

Handset registered is shown on the base's display.

Please note

If six handsets are already registered to the base (the internal numbers 2–7 are already assigned), you have two options:

- ◆ The handset assigned the internal number 7 is in idle status:
The handset that previously had the number 7 is deregistered; the new handset is registered and is assigned the internal number 7.
- ◆ The handset assigned the internal number 7 is in use:
The handset to be registered cannot be registered. A message to this effect is displayed on the handset.

Assigning send and receive connections to the handset

If several MSNs are configured on the base, the connection wizard for the handset is started automatically. This enables you to assign send and receive connections to the handset. For information on the connection wizard procedure see [page 24](#).

Please note

All base MSNs are assigned to a handset as receive connections as soon as registration is complete. If a mobile is registered via Bluetooth, its GSM connection is also assigned to the handsets as a receive connection.

The first MSN to be configured is assigned as a send connection; if no MSNs have been configured then the main number of the ISDN connection is used.

Assigning the internal number


The base assigns the lowest free internal number to the handset (possible numbers: 2–7). The internal number is shown on the handset display e.g., INT 2. This means that the handset has been assigned the internal number 2. The base is assigned the internal number 1.


De-registering handsets

On the base:

 →  → **Registration**
→ **De-register Handset**

The list of registered devices (internal parties) is displayed.

 Select the internal party you wish to deregister and press **OK**.

 Enter the current system PIN if necessary and press **OK**.

Yes Press the display key to confirm the prompt.

The handset is deregistered immediately, even if it is not in idle status.

Please note

The system PIN need only be entered if it is something other than 0000.

Locating a handset (paging)

You can use the base to search for the registered handsets.

Prerequisite: There are internal parties registered on the base. There are a maximum of two connections between the internal parties.



Open the list of internal parties. Your own entry in the list is marked with a < symbol.


Find handset

Select and press **OK**.

All reachable handsets ring simultaneously ("paging"), even if the ringers are deactivated.

An external call will not interrupt the paging process.

Ending paging

▶ Press the red end key  or pick up/replace the receiver.

You can end the paging call prematurely by pressing the talk or end call key on one of the handsets.

The paging call ends automatically after approx. 30 seconds.

Making internal calls

Internal calls using registered handsets are free of charge.

Calling a specific handset



Initiate internal call.



Enter the number of the internal party.

If the receiver is replaced, the base switches to handsfree mode.

Or:



Initiate internal call.



Select the internal party.



Pick up the receiver.

If the internal party cannot be reached (e.g., out of range) or does not answer, or three internal connections are already established, the busy tone sounds.

Calling all internal parties ("group call")



Press and hold left on the control key.

All handsets are called.

Or:



Initiate internal call.



Press the star key.

Or:



Initiate internal call.

Call All Select



Pick up the receiver.

All handsets are called.

If no internal parties can be reached or three internal connections have already been established, the busy tone sounds.

Ending a call



Replace the receiver.

Transferring a call to a handset

You can transfer an external call to a handset (connect).

Prerequisite: You are conducting an external call.



Open the list of handsets.

The external participant hears music on hold, if activated

(→ [page 113](#)).

If more than one handset is registered:



Select a handset or **Call All** and press **OK**.

When the internal participant answers:

► If necessary, announce the external call.



/ Replace the receiver or press the red end key.

The external call is transferred to the other handset.

If the internal participant does **not** answer or the line is busy, press the display key **End**, to return to the external call.

You can also replace the receiver before the internal participant picks up when transferring the call.

Then, if the internal participant does not answer or the line is busy, the call will automatically return to you.

Initiating an internal consultation call/conference

When you are conducting an **external call**, you can call an **internal participant** at the same time for consultation or hold a conference call between all three participants.

You are conducting an **external call**:



Open the list of handsets.

The external participant hears music on hold, if activated

(→ [page 113](#)).



If more than one handset is registered: select the handset and press **OK**.

You are connected to the internal participant.

Connecting/using other devices

Either:

Options → End Active Call

You are reconnected with the external participant.

Or:


Conf.

Press the display key.
All three participants are connected with each other.

If the internal participant does not answer:

- ▶ Press the display key **End** to return to the first external caller.

Ending a conference call

An **internal participant** pressing the end call key (on the handset) or the red end key  does not affect the connection between the other internal participant and the external participant.

External call waiting during an internal call

If you receive an **external** call during an **internal** call, you will hear the call waiting tone (short tone). The caller's number or name appears in the display if Calling Line Identification is enabled.

You have the following options:

Rejecting the external call

Reject

Press the display key.

The call waiting tone is turned off.

You remain connected with the internal participant.

The external caller will hear the busy tone.

Accepting an external call/Putting an internal party on hold


Accept

Press the display key.

You are connected to the external caller.

The internal call is placed on **hold**.



You have the following options:

- ◆ Swap between both participants:
 - ▶ Use  to swap between the participants.

- ◆ Speak to both participants at the same time:

- ▶ Press the display key **Conf.** to establish the conference call. Press the display key **EndConf** to return to call swap mode.

Ending an internal call

 /  Replace the receiver or press the red end key.

The external call is signalled as an incoming call on the base. You can accept the call ([→ page 41](#)).

Internal call waiting during an internal/external call

If an internal participant attempts to call you while you are involved in an external or internal call, this call is shown on the display (internal call waiting). You can either accept or reject this call.

Press any key to make this prompt disappear from the display.

You must end the current call to accept the internal call. Then the internal call is signalled as per usual. You can accept the call.

Changing the name of an internal party

The names "INT 2", "INT 3" etc. are assigned automatically at registration. You can change these names. The name must be no more than 10 characters. The modified name will then appear in the list of internal participants.



Open list of internal participants.



Select handset.

Options

Open menu.

Rename



Enter/edit name.


Save

Press the display key.

Changing the internal number of an internal party

The base is assigned the internal number **INT 1** as a default setting.


A handset is **automatically** assigned the lowest free internal number from 2–7 during registration. If all numbers are in use, then the number 7 is overwritten as long as this handset is in idle status. You can change the internal number of the base and all registered handsets (1–7).


 Open the list of internal parties. Your own device is marked with < .



Options Open menu.

Assign Handset No.

Select and press **OK**.

 Select the internal party.

 Select a new number. Make sure you do not assign an internal number (1 to 7) twice.

  Repeat the process for other internal parties as required.

Make sure you do not assign an internal number (1 to 7) twice.

To finish:

Save Press the display key to save the entry.

You will hear the error tone if an internal number has been assigned twice.

► Repeat the procedure with a free number.

Please note

Numbers 1 to 7 are available for selection. Internal number 8 is reserved for any fax machine connected to the FAX port.

Using Bluetooth devices

Your base can use Bluetooth™ to communicate wirelessly with other Bluetooth devices.

You can use Bluetooth to register the following devices on your base:

- ◆ One Bluetooth headset
- ◆ Up to five Bluetooth GSM mobiles or data devices (PC, PDA).

Before you can use your Bluetooth devices, you must first activate Bluetooth and then register the devices to the base.

To use the phone numbers, dialling codes (country and area code) must be stored on the base (**page 115**).


You will find a description of how to operate your Bluetooth devices in the user guides for these devices.


Please note

The A2DP standard (Advanced Audio Distribution Profile) is not supported.

Activating/deactivating Bluetooth mode

 ➔ **Bluetooth**

Activation Select and press **Change** to activate or deactivate Bluetooth mode ( = activated).

When the base is in idle status, the  icon in the header indicates that Bluetooth mode is activated (➔ **page 4**).

As soon as Bluetooth is activated, your base is visible to all Bluetooth devices in the receiving range (maximum 10 m) and can communicate with all of the devices included in the "known devices" list.

Alternatively, you can assign Bluetooth interface activation to a display or function key on the base (➔ **page 107**). This then allows you to activate/deactivate Bluetooth at the push of a button.

Registering Bluetooth devices

To register a Bluetooth device, you need to search for it and then add it to the list of known devices.

The list of known devices can hold a maximum of one headset and five data devices/mobiles.


Please note

- ◆ If you register a headset, any headset that is already registered will be overwritten.
- ◆ If you would like to use a headset already registered to another device (e.g., a mobile) with your base, please **deactivate** this connection before you start the registration process.
- ◆ Depending on the Bluetooth profiles supported by your mobile, it can be registered as a data device and a mobile.

Searching for Bluetooth devices

The distance between the base in Bluetooth mode and the activated Bluetooth device (headset, mobile or data device) should be no more than 10 m.

Any incoming calls are ignored during the search.

 → **Bluetooth** → **Search for Headset / Search for Mobile / Search for Data Device**

Bluetooth mode is activated automatically on the base if it is not already active. The search is started. This can take up to 30 seconds.

The Bluetooth names of the devices found are displayed in a list (abbreviated if necessary). If no name has been assigned to a device, the device address is shown.

Please note

The **Search for Data Device** function will list all Bluetooth devices found with the exception of headsets (list includes multi-service devices).

Cancelling/repeating current search

Cancel the search:

Cancel Press the display key.

Repeat search if necessary:

In the known devices list:

Options Press the display key.

Repeat Search

Select and press **OK**.

Displaying the name and address of a device found

In the list of devices found:


 Select entry.

View Press the display key.

The device name and address are displayed. Press **OK** to return to the list.

Adding the data device/mobile to the known devices list

In the list of devices found:

 Select the device to be registered.

Options Press the display key.

Trust Device

Select and press **OK**.

If the list of known devices contains fewer than five data devices and mobiles:

 Enter a PIN of your choice or the PIN of the Bluetooth device to be registered and press **OK**.

Generally you can enter a PIN of your choice for a data device/GSM mobile. You must also enter this PIN in the data device/mobile (handshake).

The device is saved in the list of known devices.

If the list of known devices already contains five data devices/mobiles, then the PIN prompt is preceded by the message **Select device to be replaced and trust again**. You must select a device from the list to be replaced by the new device before registration.

- ▶ If you press the display key **No**, the device is not registered and the base returns to the list of found devices.
- ▶ If you wish to replace a device in the list, press the display key **Yes**. A list of the registered (known) data devices and mobiles is displayed.
- ▶ Select the device to be replaced and press the display key **OK**.

You will need to enter a PIN to register the new device (see above).

If the new device fails to register, the list of known devices will remain unchanged.

Adding a headset to the known devices list

In the list of devices found:



Select headset.

Options

Press the display key.

Trust Device

Select and press **OK**.

If the headset transfers the PIN 0000 (the PIN usually set on a headset), the headset is directly added to the list of known devices. A previously registered headset is automatically de-registered.

If the headset transfers a PIN other than 0000, you are asked to enter the PIN on the base.



Enter the PIN and press **OK**.

The device is saved in the list of known devices.

Please note

- ◆ The known devices list can only contain one Bluetooth headset. If you register a second headset, the first one is deleted from the list.
- ◆ A multi-service device can be registered as a headset and a data device.

Editing the list of known (trusted) devices

Open list

→ **Bluetooth**

Known Devices

Select and press **OK**.

The list of known devices is displayed.

The names in the list are accompanied by icons with the following meanings:

| Icon | Meaning |
|------|-----------------------|
| | Bluetooth headset |
| | Bluetooth data device |
| | Bluetooth mobile |

When a Bluetooth device is registered, all Bluetooth profiles supported by this device are saved (not just the profile that was searched for).

This means, for example, that a registered mobile can be saved as a data device and a mobile in the list of known devices. Its name is preceded by two icons: and . You can therefore use this Bluetooth connection to access the mobile's GSM line and also to exchange vCards with the mobile. The negotiated PIN is valid for all types of Bluetooth communication.

Viewing entries

Open the list → (select entry)

View

Press the display key.

The device name and address are displayed. Go back with **OK**.

De-registering Bluetooth devices

Open the list → (select entry)

Options

Press the display key.

Delete Entry

Select and press **OK**.

Bluetooth is activated, if necessary.

Please note

- ◆ If you de-register an activated Bluetooth device, it may try to reconnect as an "unregistered device".
- ◆ If you de-register the activated mobile (→ **page 101**), no other mobile from the list will be activated.

Entering/editing the name of a Bluetooth device

Open the list →  (select entry)

Either:

Options Press the display key.

Rename Select and press **OK**. Bluetooth is activated, if necessary.

Or:

View Press the display key.

Edit Press the display key.

Then:



Enter/edit name.

Save Press the display key.

The name is changed locally on the base. It is not changed on the Bluetooth device.

Activating a registered mobile

You can register up to five mobiles via Bluetooth. However, only one mobile can connect to the base: the activated mobile.

Activated means:

- ◆ If the base is in Bluetooth mode, the mobile can establish a Bluetooth connection with the base (e.g., in the event of an incoming call).
- ◆ The base establishes a connection with this mobile when attempting to make a call via a GSM connection.

Once registration is complete, the last mobile to be registered is activated automatically. The previously activated mobile is deactivated.

You can activate any other mobile from the list of known devices.

Open list →  (select mobile)

Options Press the display key.

Connect Mobile




Select and press **OK**.

Bluetooth is activated on the base if it is not already active. The base connects to the mobile.

The selected mobile is activated. Its entry in the list of known devices is marked with ✓.

The previously activated mobile is deactivated.

Display in the base's idle display

If a headset or Bluetooth mobile is connected to the base, the corresponding icon (, ) together with  (= Bluetooth activated) is shown in the display header.

Rejecting/accepting an unregistered Bluetooth device

If a Bluetooth device that is not registered in the list of known devices tries to connect with the base, you are prompted on the display to enter the PIN for the Bluetooth device (bonding).

◆ Reject



Briefly press the red end key.

◆ Accept



Enter the PIN for the Bluetooth device **you want to accept** and press **OK**.

If you accept the device, you can use it temporarily (i.e., as long as it is within receiving range and Bluetooth is activated) or add it to the list of known devices.

Following PIN confirmation:

- ▶ Press the display key **Yes** to add the device to the list of known devices.

Or:

- ▶ Press the display key **No** to use the device temporarily.

Please note

- ◆ If you only accept the registration of a headset on a temporary basis, the headset is not deleted from the known devices list.
- ◆ If the list of known devices already contains five data devices/mobiles, you will be asked to delete a device from the list first (→ [page 100](#)).

Changing the Bluetooth name of the base

You can change the base name used to identify it on the display of another Bluetooth device.

 →  **Bluetooth** → **Own Device**

The device name and address for the base are displayed.

Change Press the display key. Bluetooth is activated, if necessary.



Change the name.

Save Press the display key.

Using a Bluetooth headset

Please note

- ◆ You can operate headsets on your handset that have the **headset** or **handsfree profile**. If both profiles are available, the handsfree profile is used to communicate.
- ◆ Calls can only be initiated from the base.

Setting the Headset function key

If you want to make calls on your base via a headset, you must first assign a function key on the base to the **Headset** function (→ [page 107](#)).

Recommendation

If your headset has a push-to-talk key, we recommend that you use the **Headset** function key for transfer/pickup as well.

Accepting/transferring calls on the headset

Prerequisite: Bluetooth is activated; a connection has been established between the Bluetooth headset and the base

(→ [page 99](#)).

- ◆ You are talking on the base or
 - ◆ You are trying to connect to another party or
 - ◆ A call is being signalled on the base
- ▶ Press the **Headset** function key on the base to accept the call on the headset.


Please note

For instructions on adjusting the speaking volume on your headset, → [page 110](#).

Calling

- ▶ Enter the phone number on the base and press the **Headset** function key on the base.

Using data devices

Prerequisite: Bluetooth is activated. The data device is in the list of known devices (marked with , → [page 100](#)) or temporarily connected to the base (→ [page 102](#)).

You can establish a Bluetooth connection to the base using a PC, PDA or even a mobile (as a data device).

You can then, for example, exchange directory entries with the data device in the form of vCards, compare the PC's directory with the directory on the base, load ringer settings or screensavers from the data device to the base's resource directory.

The phone is supplied with QuickSync software for the PC (→ [page 130](#)). You will find it on the enclosed CD.

QuickSync provides PC functions via a graphical interface.

Please note

For instructions on sending vCards to a Bluetooth device or receiving them from a Bluetooth device, see [page 59](#).

Using GSM mobiles (Link2mobile)

You can conduct calls on your base and/or a registered handset via the GSM connection on your Bluetooth GSM mobile (call external parties via the GSM connection on the mobile or accept calls via the GSM connection) if the following prerequisites are met:

- ◆ Bluetooth mode is activated on the base and mobile (→ [page 99](#)).
- ◆ Your GSM mobile has been registered (→ [page 100](#)) on the base and activated (→ [page 102](#)).
- ◆ There is a Bluetooth connection established between the base and mobile.
- ◆ The mobile is in range of the base (less than 10 m).
- ◆ For outgoing calls: The mobile connection is assigned to the base as a send connection, or the base can select the GSM connection as a send connection (→ [page 118](#)).
- ◆ For accepting incoming calls: The GSM connection is assigned to the base as a receive connection (→ [page 118](#)).

A connection is automatically established between the base in Bluetooth mode and the activated mobile in range:

- ◆ If a call arrives via the mobile's GSM connection (→ [page 42](#))
- ◆ If you attempt to make a call on the base via the GSM connection (→ [page 40](#))

If Bluetooth mode is deactivated on the base:

- ▶ Open the list of known devices.
- ▶ Select the activated mobile (marked with ✓).
- ▶ Press the display key **Options**.
- ▶ Select **Connect Mobile** and press **OK**.

Bluetooth is activated on the base. The base connects to the mobile.

Please note

- ◆ You can also assign this function to a function key on the base, → **Connect Mobile** on [page 107](#).
- ◆ If the mobile is taken beyond the Bluetooth range of the base, you should re-establish the connection between the two as soon as the mobile is within range again. This will ensure that a GSM call either to the base or from the base using the GSM connection is transferred.

Establishing a manual connection:

- ▶ Select the mobile from the list of known devices.
- ▶ Select **Options** → **Connect Mobile** and press **OK**.

Or:

- ▶ Press the function key **Connect Mobile**.

Simultaneous Bluetooth connections

Your base can connect to both a headset and a data device/mobile via Bluetooth at the same time.

However, please note the following:

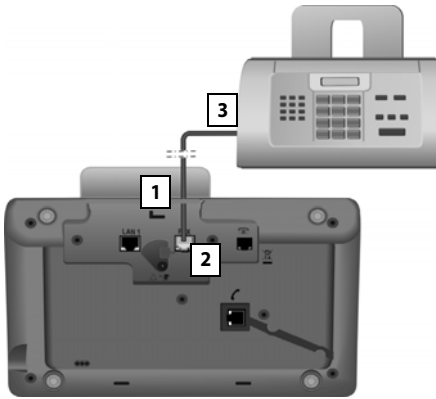
- ◆ The Bluetooth menu cannot be opened on the base.
- ◆ You can use the headset and at the same time use a mobile/data device to initiate, accept or manage a call.
- ◆ You cannot use the headset while transferring data via Bluetooth.

Connecting a fax machine

You can connect an ITU-T Group 3 fax machine to the base via the FAX port.

Please note

Swisscom does not recommend connecting multifunction devices (fax/telephone) to this FAX port. Instead, this type of device should be connected directly to an analogue port on the NT2a/b.



1. Insert one end of the fax connection cable from the rear into the recess in the housing.
2. Plug the jack into the fax port on the base (labelled: **FAX**).
3. Connect the fax connection cable to the port on the fax machine.

Please note

When connecting a multifunction device (fax/phone) to the FAX port, you must observe the following:

- ◆ **There is no ringing tone when you pick up.**
- ◆ **CLIP (→ page 42)** is not supported for incoming calls.
- ◆ If the answering machine takes a call on the device's receive connection, it continues to ring.
- ◆ If the device's receive connection is assigned neither to the base nor a handset, calls are not transferred to the call lists.
- ◆ Internal functions such as "internal consultation call during an external call" or "internal transfer" are not supported.

You do not explicitly have to register the fax machine to the base. It is automatically "registered", once you activate the FAX port on the base (→ **page 120**, default setting is "off").

Once the FAX port is switched on, the fax machine is added to the list of internal parties with the internal name **INT 8**.

The fax machine is assigned all of the base's ISDN numbers as receive connections. The first number from the configuration is assigned as a send connection. You can change the assignment (→ **page 118**).

Please note

If a number is only assigned to the fax machine as a receive connection, then calls to this number will not be entered in the call lists (it is not possible to read the entries from the base or a handset).

Connecting and using a wire-bound headset

You can connect a headset to the base using a 2.5 mm jack connector.

For details about your headset, see the accompanying user guide.

Connecting the headset

- ▶ Before you connect the headset, assign the **Headset** function to a function key on the base (→ [page 107](#)).
- ▶ Next, plug the jack connector on your headset into the connection socket on your base (→ [page 13](#)).

Accepting/transferring calls on the headset

Prerequisite:

- ◆ You are talking on the base or
- ◆ You are trying to connect to another party or
- ◆ A call is being signalled on the base
- ▶ Press the function key **Headset** on the base to accept the call on the headset.

Please note

- ◆ You should still use the **Headset** function key if your headset has a P2T key (Push-to-talk key).
- ◆ For instructions on adjusting the speaking volume on your headset, → [page 110](#).
- ◆ If a Bluetooth headset is also registered with the base and it is in range, the call/connection is transferred to the Bluetooth headset. The Bluetooth headset takes priority.

Calling

Enter the phone number on the base and press the **Headset** function key.

Setting up the base

Your base is preconfigured but you can change the settings to suit your individual requirements.

The settings described in this chapter only have a local effect on the base. The corresponding setting on any of the registered handsets does not change.

Accessing functions and numbers quickly

You can program the six function keys on the right-hand side of the base and the display keys (in idle status). You can assign a phone number (quick dial) or a base function to each of these keys and change the assignment.

The number is then dialled or the function started by simply pressing a key.

Changing key assignments

In idle status:

- ▶ Press and **hold** the display/function key until a list of possible key assignments is displayed.

The following functions are available:

Quick Dial

Assign a number from the local directory to the key.

The directory is opened.

- ▶ Select an entry and press **OK**.

If you delete or edit the entry in the directory, this will **not** affect the assignment to the function key or display key.

This means that if the phone number changes, you must re-assign the updated entry from the directory to the key as described above.



Alarm Clock

Assign menu for setting and activating the alarm clock to a key (→ [page 94](#)):

 →  **Organizer** → **Alarm Clock**

Calendar

Open calendar/enter new appointment (→ [page 92](#)):

 →  **Organizer** → **Calendar**

Bluetooth

Activate/deactivate Bluetooth mode (→ [page 99](#)).

Connect Mobile

Activate Bluetooth on the base and establish a connection to the active Bluetooth mobile (→ [page 102](#)).

Headset

Accept or pick up a call with the connected headset. The key simulates the P2T function (push-to-talk). You must assign **Headset** to a key if you wish to use a headset without P2T (wire-bound or via Bluetooth).

Press the key

- If a call is signalled on the base and you wish to accept the call directly on the headset.
- To continue a call on the headset that has been started on the base.

If two headsets are connected to the base, a wire-bound and a Bluetooth headset, the Bluetooth headset takes priority. In that case you cannot use the wire-bound headset.

Insert P

Key inserts a dialling pause (a P) when entering a number

R Function

not relevant

Setting up the base

More Functions...

More features are available:

◆ Send Connection

Assign an alternative send connection to a key.

- ▶ Select an MSN from the MSN list as (another) send connection for the base and press **OK**.

Press this display or function key if the alternative send connection should be used (temporarily) for the subsequent call (instead of the send connection for the base).



◆ Line Selection

Assign the list of configured MSNs to a key.

Select the send connection for the next call (→ **page 40**).

◆ Call Lists

Assign the call list menu to a key (→ **page 53**).

 →  Call Lists

◆ Withhold Number

Withhold Calling Line Identification for the next call (→ **page 48**).

◆ Call Divert

Assign menu for setting and activating/deactivating call divert to a key (→ **page 46**):

 →  Select Services → Call Divert

◆ E-mail

Opens the e-mail submenu for receiving and reading e-mail notifications (→ **page 75**):

 →  Messaging → E-mail

◆ Info Centre

Start Info Centre and open the list of available information services (→ **page 78**):

 → Additional Features
→ Info Centre

Display key assignment: The selected function or the corresponding directory name for the phone number (or its abbreviation if necessary) is displayed in the lowest display line above the display key.

Function key assignment: You can make a note of the key assignment on the insert strip next to the respective key.

Starting the function, dialling the number

When the base is in idle status:

- ▶ **Briefly** press the function or display key.

Depending on the key assignment:

- ◆ A number (**Quick Dial**) is dialled directly.
- ◆ Menu or function list is opened.

Changing the display language

You can view the display texts in different languages.


 →  Settings → Language

The current language is indicated by a ●.


 Select a language and press **Select**.

The selected language is set immediately.

If you accidentally choose a language you do not understand:

 * * # 0 3 #

Press keys in sequence.

 Select the correct language.

Select Press the right display key.

Setting the display

Setting the screensaver/slideshow

You can display a screensaver when the base is in idle status.

You have the following options:

- ◆ A picture from the **Screensavers** folder in the Resource Directory (→ [page 113](#))
- ◆ All pictures from the **Screensavers** folder in the Resource Directory displaying one after the other in the form of a **Slideshow**
- ◆ Date and time as a digital display (**Digital Clock**)
- ◆ Analogue time (**Analog Clock** – clock-hand display)
- ◆ Information from an info service (**Info Services** – weather information, horoscope etc.). You must have activated the display of info services via the Web configurator.

The base must be connected to the Internet to display info services.

The type of info service available to your base is set on the Internet on the Gigaset.net server. You can change the settings via your PC web browser (see user guide for the Web configurator; **Info Services**).

If no information is currently available, the digital time (**Digital Clock**) is displayed instead until information is available again.

Together with the information, display keys that open the Info Centre selection menu can be shown.

The screensaver replaces the idle status display. It will conceal the calendar, date, time and name.

The screensaver is not displayed in certain situations e.g., during a call and when a status message is displayed.

If a screensaver is activated, the **Screensaver** menu option is marked with ☒.

 →  **Settings** → **Display**
→ **Screensaver**


The current setting is displayed.

- You can enter data in the following fields:

Activation:

Select **On** (screensaver is displayed) or **Off** (no screensaver).

Selection:

Select screensaver with  or

View

Press the display key. The active screensaver is displayed.




Select screensaver and press **OK**.

Save

Press the display key.

The screensaver is activated approx. 10 seconds after the display has changed to idle status.

If the screensaver conceals the display, **briefly** press the red end key  to show the idle display.

Activating/deactivating the info ticker

You can display text information from the Internet (weather information etc.) that is set for the screensaver **Info Services** as a scrolling message in the idle display. The scrolling message is shown in the bottom line of the idle display (immediately above the display keys). The end of one set of information and beginning of the next are separated by "+++".

If, for example, you have set the calendar to be shown in the idle display, the information ticker overwrites the last two lines (weeks) of the calendar.



 →  **Settings** → **Display**
→ **Info Ticker** (☒ = on)

The ticker starts as soon as the telephone changes to idle status. If, however, a message is shown in the idle display, the information ticker is not displayed.

Setting the brightness and time control for the display backlight

You can set the brightness of the display on your base and specify a timeframe during which the display is completely deactivated e.g., at night.

If the display backlight is deactivated, it can be reactivated by pressing any key or by an incoming call. The display backlight is deactivated again after approx. 30 seconds after the last press of a key.

 →  **Settings** → **Display**
→ **Backlight**

The current setting is displayed.

► You can enter data in the following fields:

Time Control

Prerequisite: The date and time have already been set.

Select **On** or **Off**.

The following fields are displayed when **Time Control = On**.


Display off from:


Enter the time in 4-digit format when the backlight should be deactivated in idle mode.

Display off until:

Enter the time in 4-digit format when the backlight should be reactivated.

Brightness:

Set the brightness of the display backlight with .



You can select from five brightness levels (1 = low – 5 = very bright; e.g., brightness level 3 = ).

► Press the display key .

Changing the handsfree/receiver volume

You can set the handsfree volume and the receiver volume, as well as the volume of a connected wire-bound headset to five different levels.

In idle status

 →  **Settings** → **Audio Settings**
→ **Call Volume**

You will hear a test tone.



Set the receiver volume.



Scroll to the **Speaker:** line.





Set the handsfree volume.



Press the display key to save the setting.

During a call



You can adjust the volume during a call using the  and  keys. Each time you press the key, the volume will increase or decrease by one level.



Press the display key if necessary to save the setting permanently.

Setting ringers

Setting the volume



You can choose between five volumes (1–5; e.g., volume 3 = ) and the "crescendo" ringer (6; volume increases with each ring = .


You can set different volumes for the following functions:


◆ **Internal calls and appointments**


(Appointments → [page 92](#))

◆ **For external calls**

 →  **Settings** → **Audio Settings**
→ **Ringer Settings** → **Volume**

 If necessary, set the volume for internal calls and appointment notification.



 Scroll to the next line.

 If necessary, set the volume for external calls.

Save Press the display key to save the setting.

When choosing the setting, the ringer will sound in the volume currently selected.

Please note

You can also use the  and  keys to change the volume while an incoming call is being signalled on the base.

Setting the ringer melody

You can select various ringers, melodies or any sound from the resource directory ([page 113](#)).

You can set different ringers for the following functions:

◆ **Internal calls**



◆ **For external calls to each individual receive connection on the base (MSN1 to MSN10)**


- ◆ For external calls to the GSM connection of a mobile registered via Bluetooth (→ [page 99](#)); the Bluetooth name of the mobile is shown subsequently for the GSM connection


Please note



You can only set ringer melodies on the base for receive connections assigned to the base.

In idle status:

 →  **Settings** → **Audio Settings**
→ **Ringer Settings** → **Melodies**

 Select **Internal calls** or a receive connection.

 Select the melody for this connection.


  Where necessary, select the next connection and set a melody etc.

Save Press the display key to save the settings.

Or:

You can set the ringer melody so it is used for both internal and all external calls.

 Select **All calls**.

 Select melody.

Save Press the display key.



Yes Press the display key to confirm the settings.

The setting for all calls will not work as soon as you change the setting for an individual connection.

Setting time control for external calls

You can specify a time period when you do not want the base to signal external calls e.g., during the night.

Prerequisite: The date and time have already been set.

 →  **Settings** → **Audio Settings**
→ **Ringer Settings** → **Time Control**

► You can enter data in the following fields:

For external calls:

Select **On** or **Off**.

The following fields only appear when **For external calls = On**.

Suspend ring. from:

Enter the start of the period in 4-digit format.

Suspend ring. until:

Enter the end of the period in 4-digit format.



► Press the display key **Save**.

Please note

During this period, you will continue to receive calls on the base from numbers to which you have assigned a personalised melody in the directory (VIP).

Silencing the ringer for anonymous calls

You can set the base to not ring when external callers cannot be identified (anonymous call).

 →  **Settings** → **Audio Settings**
→ **Ringer Settings**

Anon. Call Silencing

Select and press **Change**.

If the ringer is silenced for anonymous calls, then **Anon. Call Silencing** is marked with ☒.

Activating/deactivating the ringer

You can deactivate the ringer on your base before you answer a call or when the base is in idle status; the ringer can be deactivated permanently or just for the current call.

The ringer cannot be re-activated while an external call is in progress.

Deactivating the ringer permanently



Press and **hold** the star key.

The  icon appears in the display.

Reactivating the ringer



Press and **hold** the star key.

Deactivating the ringer for the current call



Press the display key.

Activating/deactivating alert tones


In place of the ringer, you can activate an alert tone. When you receive a call, you will hear a **short tone** ("Beep") instead of the ringer.



Press and **hold** the star key and **within 3 seconds**:



Press the display key. A call will now be signalled by **one** short alert tone.



 appears in the display.

Activating/deactivating advisory tones

Your handset uses advisory tones to tell you about different activities and statuses. The following advisory tones can be activated/deactivated independently of each other:

- ◆ **Key click:** every key press is confirmed.
- ◆ **Acknowledge tones:**
 - **Confirmations** (ascending tone sequence): At the end of an entry/setting and when an SMS or a new entry arrives in the answering machine list or call list
 - **Error tone** (descending tone sequence): When you make an incorrect entry
 - **Menu end tone:** when scrolling to the end of a menu

In idle status:

 →  **Settings** → **Audio Settings**
→ **Advisory Tones**

► You can enter data in the following fields:

Key Tones:

Select **On** or **Off**.



Confirmation:

Select **On** or **Off**.

Save Press the display key.

Activating/deactivating music on hold

Music on hold is played e.g., during a call swap or consultation call to a caller with whom you are not actively connected.

 →  **Settings** → **Audio Settings**
→ **Music on hold**

► Press the display key **Change** to activate or deactivate music on hold (☒ = on).

Resource directory

The resource directory manages sounds/melodies, which you can use as ringers, and pictures (CLIP pictures and screensavers), which you can use as caller pictures or as screensavers. Prerequisite: Calling Line Identification (CLIP). The resource directory can manage the following media types:

| Type | Format |
|----------------|---|
| Sounds | G.722 raw |
| Pictures | BMP, JPG, Non-animated GIF |
| – CLIP picture | 190 x 144 pixels |
| – Screensaver | 240 x 320 pixels each with a 24-bit colour depth |

Please note


The Gigaset QuickSync PC software converts all the standard formats (MP3, WMA, TIFF) into formats supported by the base (see above) and adjusts the image resolution to the resource directory.


Your base has a variety of default sounds and pictures.

You can play the available sounds and view the pictures.

You can download some pictures and sounds from a PC with the Gigaset QuickSync software (→ [page 130](#)). If there is not enough capacity available, you must first delete one or more pictures or sounds.

Viewing screensaver/caller pictures

 → ☆ **Additional Features**
→ **Resource Directory** → **Screensavers / Caller Pictures** → (select entry)


View Press the display key. The selected picture is displayed. Switch between pictures using the  key.

Configuring the system settings



If you have saved a picture in an invalid file format, you will see an error message after selecting the entry.

Playing back sounds

 → ☆ **Additional Features**
→ **Resource Directory** → **Sounds**
→ (select entry)

The selected sound is played back immediately. Switch between the sounds using the  key.

You can adjust the volume during playback:

- ▶ Adjust the volume using the  /  keys and pressing the display key **Save**.

Deleting/renaming a picture/sound

You have selected an entry.

Options Open menu.

You can select the following functions:

Delete Entry

The selected entry is deleted.

Rename

Change the name (max. 16 characters) and press **Save**. The entry is stored with the new name.

If a picture/sound cannot be deleted, these options are not available.

If you delete a sound that is being used as the ringer melody, the default melody will be used instead.

If you delete a picture that is being used as the caller picture or screensaver, the **Digital Clock** will be displayed instead.

Checking the capacity

You can check how much capacity is available for sounds and pictures.

 → ☆ **Additional Features**
→ **Resource Directory** → **Capacity**

Configuring the system settings

You can make the following settings via the menu on the base, on a registered Gigaset SL78H, SL400H, Aton CLx315 handset or via the Web configurator on the base.

The following steps are carried out using the base.

The majority of the settings can also be made via a registered Gigaset SL78H, SL400H or Aton CLx315 handset. The procedure is similar to that on the base, although the menu structure is slightly different.

Instructions on operating via the base's Web configurator can be found in the user guide on the enclosed CD.

Setting the date and time manually

To ensure you have the correct time for incoming calls and to use the alarm clock and calendar, the date and time must be set.

Please note

The address of a time server on the Internet is stored on your base. The date and time are taken from this time server provided that the base is connected to the Internet and synchronisation with the time server is activated. Manual settings are overwritten in this case.

The date and time are updated with each outgoing external call.

If the date and time on the base have not yet been set, the **Time** display key appears.

Time Press the display key.

Or:

 → ⚙ **Settings** → **Date/Time**

- You can enter data in the following fields:

Date:

Enter day, month and year as an 8-digit number via the keypad. e.g.,

 for 14/01/2010.
 for 14/01/2010.

Time:

Enter the hours and minutes in 4-digit format via the keypad, e.g.,

 for 07:15 am.

- Press the display key **Save** to save the settings.

Protecting against unauthorised access

Protect the base system settings with a PIN known only to you. You have to enter the system PIN if you register or de-register a handset, change local network settings, perform a firmware update or reset the phone to default settings.

Changing the system PIN

You can change the base's 4-digit system PIN (default setting: 0000) to a 4-digit PIN known only by you.

Setting a system PIN facilitates remote operation of the answering machine
 (→ [page 87](#)).

 →  **Settings** → **System**
 → **System PIN**



If necessary, enter the current system PIN for the base and press **OK**.



Enter new system PIN.





Press the display key.

Setting your own area code

To transfer phone numbers (e.g., in vCards), it is essential that your area code (international and local area code) is saved on the base.

Some of these numbers are already preset.

 →  **Settings** → **Telephony**
 → **Area Codes**

Check that the (pre)set area code is correct.

- You can enter data as follows:



Select/change input field.



Navigate in the input field.



If necessary, delete number:
 Press the display key.



Enter number.



Press the display key.

Example:

| Area Codes | |
|---------------------|---------|
| International code: | 00 - 41 |
| Local area code: | 0 - 11 |
| Info | Save |

Please note

It is especially necessary to set the international code if you connect a GSM mobile to the base via Bluetooth. Phone numbers transferred from the GSM network always include the international access code, even for calls within a country.

If, for example, you later wish to call back the caller from a call list via one of your phone's connections, the international code is withheld for national phone calls.

Setting the base's IP address in LAN

Prerequisite: Your base is connected to a router or a PC (→ [page 17](#)).

An IP address is required in order for the LAN to "recognise" your base.

The IP address can be assigned to the base automatically (by the router) or manually.

- ◆ If done **dynamically**, the router's DHCP server automatically assigns an IP address to the base. The base's IP address can be changed according to router settings.
- ◆ If done manually/**statically**, you assign a static IP address to the base. This may be necessary depending on your network configuration (e.g., if your base is connected directly to a PC).

You can also make local network settings via the Web configurator.

Please note

To assign the IP address dynamically, the DHCP server on the router must be activated. Please also read the user guide for your router.

 →  **Settings** → **System**
→ **Local Network**



Enter the current system PIN if necessary and press **OK**.

- You can enter data in the following fields:

IP Address Type

Select **Static** or **Dynamic**.

For **IP Address Type Dynamic**:

The following fields show the current settings that the phone obtained from the router. These settings cannot be changed.

For **IP Address Type Static**:

You must manually define the IP address and the subnet mask for the base in the following fields, as well as the standard gateway and DNS server.

For **IP Address Type Static**:

IP Address

Enter the IP address that is to be assigned to the base (overwriting the current settings).

192.168.2.1 is the default setting.

For information on the IP address, see the glossary on [page 145](#).

Subnet Mask

Enter the subnet mask to be assigned to the base (overwriting the current settings).

The default setting is 255.255.255.0

For information on the subnet mask, see the glossary on [page 148](#).

DNS Server

Enter the IP address for the preferred DNS server. The DNS server (Domain Name System, → [page 143](#)) converts the symbolic name of a server (DNS name) into the public IP address for the server when the connection is made.

You can specify your router's IP address here. The router forwards base address requests to its DNS server.

192.168.2.1 is the default setting.

Default Gateway

Enter the IP address for the standard gateway (→ [page 145](#)) through which the local network is connected to the Internet. This is generally the local (private) IP address for your router (e.g., 192.168.2.1). Your base requires this information to access the Internet.

192.168.2.1 is the default setting.

- Press **Save** to save the settings.

Please note

You can also make the settings for the local network via the Web configurator (→ operating instructions for the Web configurator on the enclosed CD).

Setting up/deleting ISDN connections (MSNs)

Your ISDN connection offers you two telephone lines (B channels) that you can use simultaneously. You can set up a maximum of ten separate phone numbers (MSNs) on your base. You are assigned these phone numbers by your network provider.

Please note

There are several ways of assigning an MSN to ISDN extension systems. For more information on this topic, refer to the user guide belonging to your extension system.

If you have not yet stored all the numbers with the installation wizard (→ [page 20](#)), you can enter them now. You can start the ISDN wizard at any time via the menu to change the configuration.

All numbers that are stored retrospectively are automatically assigned to the base, all registered handsets and answering machine 1 as receive MSNs.

Each new number you set up is automatically given its own ringer, which you can change individually (→ [page 111](#)).

You can set up, edit and delete MSNs with the help of the ISDN wizard.

In idle status:

 →  **Settings** → **ISDN Wizard**


Yes Press the display key to launch the ISDN wizard.

OK Press the display key to confirm the info text.

A list of MSNs already set up is then displayed.

Change Press the display key to set up additional MSNs or modify the settings for an existing MSN.

Setting up a new MSN

 Select the row **MSN - Name** of an empty MSN entry.



Enter MSN name (max. 16 characters) (optional).



Jump to the corresponding **MSN - Number** line.



Enter MSN number (max. 20 digits; without area code = prefix).

- ▶ Repeat this process for other MSNs, if required.
- ▶ Press the display key **Save** to save the changes.

Once the ISDN wizard is complete, the connection wizard starts automatically. This enables you to assign send and receive connections to the base's internal parties (→ [page 24](#)).

Please note

If you do not set up any MSNs, all ISDN calls will be made on the main number of your ISDN connection. **ISDN** is shown for this connection in the lists for selecting the send and receive connections (→ e.g., [page 118](#), [page 72](#)).

Changing/deleting an MSN



Select the **MSN - Name / MSN - Number** for the MSN entry that you wish to edit.



Delete the previous name/number.



Enter the new MSN name/number, if required.

- ▶ Repeat this process for other MSNs, if required.
- ▶ Press the display key **Save** to save the changes.

If you have deleted both the MSN name and number and not entered any new values, the MSN is deleted.

If the MSN you have deleted was the send connection ([page 95](#)) of an internal party then a new send connection (the MSN with the lowest ranked number) will automatically be assigned to this internal party.

Assigning send and receive connections to internal parties

If you have several MSNs configured for your telephone system, you can do the following for each internal party:


- ◆ Assign a send connection or allow the internal party to select the line for each external call (select line).
- ◆ Assign one or several receive connections. Only calls received via one of the assigned connections are signalled on the device.


Assigning a send connection

Prerequisite: Several phone numbers are configured for your base.

 →  **Settings** → **Telephony**
→ **Send Connections**

A list of the internal parties (base, handsets, fax machine INT8 – where applicable) is displayed.

 Select the internal parties that should be assigned a new send connection and press the display key **OK**.

 Select **Select at each call** or an MSN as the send connection. All configured connections are displayed with the names you have set.

Save Press the display key to save the changes.

Select at each call is only offered if more than one connection is configured on the base.

If you select **Select at each call**, the internal party can select which MSN is used to establish a connection every time he makes a call.

Please note

If the send connection for an internal party is deleted or deactivated, then depending on the connection, that party is assigned either the fixed line connection or the first ISDN MSN in the configuration as the send connection.

If the base is connected to the ISDN and no MSN has been configured, the internal party is assigned the main number for the ISDN connection.

Making calls via Bluetooth GSM connection

If you wish to make a call from the base via the GSM connection of a mobile connected to the phone via Bluetooth, you must select either the GSM connection or **Select at each call** as the send connection.

For the GSM connection, the name of the mobile that is currently/was last connected to the base is displayed in the list of known devices. When selecting the send connection, the name of the currently connected mobile is displayed.


The same applies if you wish to establish GSM connections via a handset registered to the base.

Assigning receive connections

Prerequisite: Several connections are configured for your base.

 →  **Settings** → **Telephony**
→ **Receive Connections**

A list of the internal parties (base, handsets, local answering machines, fax machine INT8 – where applicable) is displayed.

 Select the internal parties that should be assigned new receive connections and press the display key **OK**.

A list of all configured connections (MSNs) is opened. You can select **Yes** or **No** for each connection.



Select **Yes** if you want the relevant connection to be the receive connection for the internal party. Select **No** if it should not be the receive connection.



Change to the next connection.

- ▶ Repeat these two steps for each connection.
- ▶ Press the display key **Save** to save the changes.

Further information on how to assign receive connections to local answering machines can be found on [page 81](#).

Please note

- ◆ If a new connection is configured, it is assigned as the receive connection to all internal parties and answering machine 1.
- ◆ If a connection is not assigned as the receive connection to any internal party, calls on this connection will not be signalled.

Accepting calls to a Bluetooth GSM connection

If you wish to accept calls on the base that are made to the GSM connection of a mobile connected to that base via Bluetooth, then you must select the GSM connection as the receive connection. The name of the mobile is displayed for the GSM connection in the list of known devices.

The same applies if you wish to accept calls via the GSM connection to a handset registered on the base.

Updating the phone firmware

Prerequisite: The base is connected to the Internet (i.e., connected to a router, → [page 17](#)).

If necessary, you can update your base's firmware.

The firmware update is downloaded directly from the Internet by default. The relevant Web page is preconfigured on your base.

Prerequisite:

The base is in idle status i.e.,

- ◆ No calls are being made.
- ◆ There is no internal connection to/ between the registered handsets.
- ◆ No handset has the base menu open.

Starting the firmware update manually



→ **Settings** → **System**

Update Firmware

Select and press **OK**.



Enter the system PIN and press **OK**.

The base establishes a connection to the Internet.

Yes

Press the display key to start the firmware update.

Please note

- ◆ The firmware update can take up to three minutes.
- ◆ When updating from the Internet, checks are made to ensure that no newer version of the firmware exists. If this is not the case, the operation is terminated and a message is issued to that effect.

Updating firmware automatically

Your base will check daily whether a newer firmware version is available from the Internet on the configuration server. If firmware updates are available, the message **New firmware available. Update?** is displayed in the idle display of the base.

Yes Press the display key to confirm the prompt.

The firmware is loaded onto your base.

Please note

If the base is not connected to the Internet at the time when the check for new firmware is to be carried out (e.g., because the router is deactivated), the check is carried out as soon as the base is reconnected to the Internet.

You can deactivate the automatic version check via the Web configurator.

Activating repeater support

You can increase the range and signal strength of your base using a repeater. You will need to activate repeater mode. This will terminate any calls that are in progress at the time.

Prerequisite: Eco mode(+) is deactivated.

 →  **Settings** → **System**
→ **Repeater Mode**

Change Press the display key to activate or deactivate repeater mode (☒ = on).

Yes Press the display key to confirm the prompt.

Please note

- ◆ Repeater support and **Eco Mode / Eco Mode+** (→ **page 91**) cancel each other out, i.e., both functions cannot be used at the same time.
- ◆ The default encrypted transmission setting is deactivated when repeater mode is activated.

Activating/deactivating the DECT interface

If you deactivate the DECT interface, the radio connection between the base and the registered handsets/repeaters is terminated. Handsets/repeaters are "asynchronous" to the base. They cannot establish a connection with the base and no calls are signalled. Handsets/repeaters do remain registered to the base and will synchronise with the base as soon as you reactivate the DECT interface.

 →  **Settings** → **System**
→ **DECT Interface**

Change Press the display key to activate/deactivate the DECT interface (☒ = activated).



If there are no handsets or repeaters registered to the base, the base's DECT interface is automatically deactivated.

Activating/deactivating the FAX port

You can connect a fax machine to the FAX port on the telephone. To register the fax machine to the base, you must activate the FAX port.

The FAX port is deactivated by default.

When you activate the FAX port, it is regarded as registered. The internal number 8 is assigned to it/the connected fax machine. **INT 8** is displayed in the list of internal parties (even if there is not a fax machine connected).

 →  **Settings** → **System** → **FAX Port**

Change Press the display key to activate/deactivate the FAX port (☒ = on).

For instructions on connecting a fax machine see **page 105**


Restoring the base to the default settings

The individual settings are reset.

When the settings are restored:

- ◆ Handsets are still registered
- ◆ The system PIN is not reset.

The following settings in particular are reset to the default settings:

- ◆ The entered ISDN MSNs (are deleted)
- ◆ The assignment of send and receive connections
- ◆ Settings for the ring melodies and volume levels
- ◆ Settings for wake-up calls and appointments
- ◆ Own area code
- ◆ Settings for the local network
- ◆ The names of the handsets
- ◆ SMS settings (e.g., SMS service centres,)
- ◆ Eco Mode and Eco Mode+ are deactivated
- ◆ PABX connection settings
- ◆ Answering machine settings and personal announcements are deleted
- ◆ Function and display key assignments as well as key 
- ◆ Settings for network services: call divert, call transfer (ECT)

The following lists are deleted:

- ◆ SMS lists
- ◆ Call lists
- ◆ Answering machine lists

 →  → **System** → **Reset**



Enter the system PIN and press **OK**.

Yes Press the display key.

After resetting, the base is restarted.

The installation wizard is launched

(→ **page 19**).

Checking the base's MAC address

Depending on your network configuration, you may have to enter your base's MAC address in your router's access control list, for example. You can check the MAC address on the base.

In idle status:



Open menu.



Press keys in sequence.

The MAC address is displayed.

Back

Return to idle status.

Connecting the base to a PABX

The following settings are only necessary if your PABX requires them; see the PABX user guide.

Please note

- ◆ You cannot send or receive SMS messages on PABXs that do not support Calling Line Identification.
- ◆ There are several ways of assigning an MSN to ISDN extension systems. For more information on this topic, please refer to the user guide belonging to your extension system.

Saving an access code (outside line code)

Prerequisite: You must enter an access code for external calls using your PABX, e.g., "0".

 →  → **Telephony** → **Access Code**

► You can enter data in the following fields:

Access external line with:

enter or change the access code, max. three digits.

For:

Call Lists

The access code is put in front of numbers dialled on the base or a handset from one of the following lists:

- The SMS list
- The accepted calls list
- In the missed calls list
- An answering machine list

All Calls

The access code prefixes all numbers dialled on the base or a handset.

Off

The access code is deactivated. It does not prefix any phone number.

Save

Press the display key.

Please note

The access code never prefixes any emergency numbers or SMS service centre numbers.

Transferring a call – ECT (Explicit Call Transfer)*

With some ISDN PABX systems, your two parties are not connected when you replace the receiver during call transfer (**page 50**). In this case you need to activate this function (**page 47**). To do this, please refer to the operating instructions of your PABX.


Using Centrex

If your base is part of a Centrex system, you can use the following features:

Calling Name Identification (CNI)

When you receive incoming calls from other Centrex subscribers, the caller's number and name are shown on the display.

Message Waiting Indication (MWI)

New calls in the call list are indicated using icons (→ **page 55**). The  message key flashes.

* Dependent on the provider

Selecting dialling mode/options

The **keypad** function allows you to control certain features by entering sequences of characters and digits.

The **keypad** function must be activated when you connect your base to an ISDN PABX or exchange (e.g., Centrex) that is controlled using **keypad** protocol. The digits/characters 0–9, * and # are sent as **keypad** information elements. Please ask your service provider about the information and codes you can transmit.

Setting options

You can switch between the **Auto. Tone Dial**, **Auto. Keypad** and **Dial of * and #** settings.

Auto. Tone Dial

Once normal dialling has been activated, * and # are not transmitted during dialling and if * and # are entered it is not possible to switch to the keypad.

Auto. Keypad


Once * or # have been entered, this setting automatically switches signalling during dialling to the keypad. This automatic switchover is needed for giving commands to the exchange or PABX.

Dial of * and

Once **Dial of * and #** has been activated, the * and # characters are transmitted during dialling as commands to the exchange or PABX.

Regardless of the setting options above, after dialling or during a call the phone switches automatically to tone dialling (DTMF), e.g., for remote control of an answering machine.

 →  **Settings** → **Telephony**
→ **Dialling Mode**

 Select setting and press **Select**
e.g., **Auto. Tone Dial** (● = on).

Activating/deactivating the keypad during a call

In addition to the permanent settings described above, you can also switch temporarily to **Auto. Keypad**.

The setting only applies to the current external call and is automatically deactivated after the call is ended.

Depending on whether **Auto. Keypad** is activated, you may need to activate or deactivate **Auto. Keypad** during the call.

Options Open menu.

Auto. Keypad

Select and press **Change**
(☑ = on).

Warranty/Maintenance/Repair/ Approval

Warranty

The warranty period is 2 years as of the date of purchase. For warranty repair, the warranty card, filled out and stamped by the place of purchase must accompany the faulty device. Excluded from the warranty are damages due to improper use, wear and tear or tampering by others. The warranty does not include consumable materials and faults that have only an insignificant affect on the value or usability of the product. In case of errors, please contact your place of purchase.

Repair/Maintenance

Rental devices

If your phone does not operate properly, notify Technical Assistance (phone number 0800 800 800).

The repair^{*} and the fault action are free of charge.

Purchased devices

Repair services are performed free of charge within the warranty period in accordance with the regulation of the warranty certificate. If a repair is necessary, the device must be returned to the place of purchase.

If Technical Assistance is made available (also during the warranty period^{*}), the fault action is charged (route lump sum price as well as expenses for time). The repair costs are additional outside the warranty period.

Help

If you have any general questions about products, services etc., please contact your Swisscom Information Centre (toll-free number 0800 800 800).

* An exception is damage to wearing parts (cable, labels, batteries etc.) and due to improper handling (damage from dropping, infiltrated fluids etc.).

Faults and self-help with troubleshooting

Not every problem signifies a fault in your telephone. In some cases, problems can be resolved by briefly interrupting the power supply to the base station (unplug the power supply unit and then plug it in again) or removing the battery cells from the handset and reinserting them. The following information is designed to help you with specific problems.

Important: Some problems or faults can only be resolved if you take the complete device (base station, handset and connection cable) to the place of purchase.

Registration or connection problems with a Bluetooth headset.

- ▶ The A2DP standard (Advanced Audio Distribution Profile) is not supported.
- ▶ Reset the Bluetooth headset (see the user guide for your headset).
- ▶ Delete registration data from the base by deregistering the device (→ [page 101](#)).
- ▶ Repeat the registration process (→ [page 100](#)).

The display is blank.

1. The base is not connected to the mains power supply.
 - ▶ Check the mains connection (→ [page 16](#)).
 2. The backlight is deactivated because a time control was activated (→ [page 110](#)).
 - ▶ Press any key on the base to temporarily activate the display backlight.
- Or:
- ▶ Deactivate the time control (→ [page 110](#)).

No connection between the base and handset.

1. Handset is out of the range of the base.
 - ▶ Move the handset closer to the base.
2. Range of the base has been reduced as **Eco Mode** is active.
 - ▶ Deactivate Eco Mode (→ [page 91](#)) or reduce the distance between the handset and the base.
3. The handset has not been registered to the base or was deregistered due to the registration of an additional handset (more than six DECT registrations).
 - ▶ Register the handset with the base (→ [page 95](#)).
4. The firmware is currently being updated.
 - ▶ Please wait until the update is complete.
5. Base is not switched on.
 - ▶ Check the power adapter for the base (→ [page 15](#)).

The base does not ring.

1. The ringer is switched off.
 - ▶ Activate the ringer (→ [page 112](#)).
2. Call divert set for "All Calls".
 - ▶ Deactivate call divert (→ [page 46](#)).
3. The connection (MSN) on which the call is received is not assigned to the base as a receive connection.
 - ▶ Change the assignment of receive connections (→ [page 95](#)).

The display shows "Please check phone connection".

Connector to the telephone network may not be plugged in.

- ▶ Check the telephone connection (→ [page 15](#)).

You cannot hear a ringer/dialling tone from the fixed line.

The supplied phone cable is not being used or the phone cable may be faulty.

- ▶ Replace the phone cable.

Phone does not ring after setting up the ISDN phone number (MSN).

The area code has been stored with the MSN.

- ▶ Save MSN without area code.

Some of the network services do not work as specified.

Features are not activated or are not supported.

- ▶ Query with the network provider.

Error tone sounds after system PIN prompt.

You have entered the wrong system PIN.

- ▶ Repeat input of system PIN.

The other party cannot hear you.

You have pressed the mute button .

The base is "muted".

- ▶ Unmute the microphone (→ [page 45](#)).

The number of the caller is not displayed despite CLIP/CLI being activated.

Calling Line Identification is not working.

- ▶ **The caller** should ask the network provider to check Calling Line Identification.

You hear an error tone when keying in information (a descending tone sequence).

Action has failed/invalid input.

- ▶ Repeat the process.
Watch the display and refer to the user guide if necessary.

No time is specified for a message in the call list.

Date and time have not been set.

- ▶ Set date/time or
- ▶ Activate synchronisation with a time server on the Internet via the Web configurator.

An answering machine announces "PIN is incorrect" during remote operation.

You have entered the wrong system PIN.

- ▶ Repeat input of system PIN.

An answering machine is not recording any messages/has switched over to announce only.

Its memory is full.

- ▶ Delete old messages.
- ▶ Play back new messages and delete.

An answering machine will not record a call or ends the recording.

1. An error tone sounds and the display shows **Not possible**.
 - ▶ You are making the call via a broadband connection. A recording is not possible in this case. The attempt by the base to establish a non-broadband connection instead has failed.
2. The display shows **AM memory full - Delete messages**.
The answering machine's memory is full.
 - ▶ Delete messages and then start recording again.

Or:

 - ▶ End the call, delete old messages on the answering machine and then re-establish the connection.

Firmware update is not carried out.

1. If **Currently not possible** is displayed, download/update is already being carried out.
 - ▶ Repeat the process at a later date.
2. If **File unreadable** is displayed, the firmware file may be invalid.
 - ▶ Use only the firmware available on the preconfigured Swisscom configuration server.
3. If **Server not accessible** is displayed, the download server may not be accessible.
 - ▶ The server is currently not accessible. Repeat the process at a later date.
 - ▶ You have changed the preconfigured server address. Correct the address. Reset the base, if necessary.
4. If **Transmission error XXX** is displayed, an error has occurred during the transmission of the file. An HTTP error code is displayed for XXX.
 - ▶ Repeat the process. If the error occurs again, consult the Service department.
5. If **Check IP settings** is displayed, your base may not be connected to the Internet.
 - ▶ Check the cable connections between the base and router and between the router and the Internet.
 - ▶ Check whether the base is connected to the LAN i.e., it can be reached at its IP address.

You cannot establish a connection to the base with your PC's Web browser.

- ▶ When establishing a connection, check the base's local IP address that has been entered. You can check the IP address on your base (page 116).
- ▶ Check the connections between the PC and the base. Transmit a ping command to your base e.g., from your PC (ping <base's local IP address>).
- ▶ You have tried to reach the base via a secure http (https://...). Try again with http://....

Exclusion of liability

Some displays may contain pixels (picture elements), which remain activated or deactivated. As a pixel is made up of three sub-pixels (red, green, blue), it is possible that pixel colours may vary.

This is completely normal and does not indicate a fault.

Checking service information

If you contact Customer Services, you may need the base's service information.

Prerequisite:


You must pick up the receiver when in idle mode or be conducting an external call.

Please note

You may need to wait a few seconds before **Options** appears on the display

Options → **Service Info**

Confirm selection with **OK**.

You can select the following information/functions with :

- 1: Base serial number (RFPI)
- 2: Not in use: - - -
- 3: Informs the service employees of the base settings (in hex diagram format) e.g., the number of registered handsets, repeater mode.
- 4: Variant (digits 1 to 4), Telephone firmware version (digits 5 to 6).
- 5: Not relevant
- 6: Device number of the base. This contains additional information for the service employee.

Approval

This device is intended to be operated on the Swiss ISDN network.

Voice over IP telephony is possible via the LAN interface if an additional modem has been connected.

If you have any questions about the differences between the public phone networks, please contact your specialist dealer or network provider.

Swisscom hereby declare that this device meets the essential requirements and other relevant regulations laid down in Directive 1999/5/EC.

CE 0682

The Declaration of Conformity can be found on the following website:

www.swisscom.ch

Appendix

Caring for your telephone

Wipe the unit with a **damp cloth** or an **anti-static cloth**. Do not use solvents or microfibre cloths.

Never use a dry cloth as this can cause static discharge.

Contact with liquid

If the device has come into contact with liquid:

- ▶ Disconnect the power adaptor and/or remove the battery from the handset immediately.
- ▶ Allow the liquid to drain from the device.
- ◆ Dab all parts dry and then leave the device (handset with the battery compartment open and the keypad faced downwards) for **at least 72 hours** in a warm, dry location (**not**: microwave, oven or similar).
- ◆ **Do not switch on the device again until it is completely dry.**

When it has fully dried out, you will usually be able to use it again.

Insert strips

Blank insert strips for the function keys can be found on the enclosed CD.

Specifications

Power consumption of the base













| | |
|----------------|---------------|
| In idle status | Approx. 3.6 W |
| During a call | Approx. 4.3 W |

General specifications


| | |
|--|---|
| Interfaces | ISDN, Ethernet, Bluetooth |
| DECT standard | Supported |
| GAP standard | Supported |
| No. of channels | 60 duplex channels |
| Radio frequency range | 1880–1900 MHz |
| Duplex method | Time multiplex, 10 ms frame length |
| Channel grid | 1728 kHz |
| Bit rate | 1152 kbit/s |
| Modulation | GFSK |
| Language code | 32 kbit/s |
| Transmission power | 10 mW, average power per channel |
| Range (handsets) | up to 250 m outdoors, up to 40 m indoors |
| Power supply | 230 V ~/50 Hz |
| Environmental conditions for operation | +5°C to +45°C, 20% to 75% relative humidity |
| Codecs | G.726 – internal narrow-band G.711 – ISDN G.722 – internal wideband |
| Protocols | DECT, GAP, DHCP, NAT Traversal (STUN), HTTP |

Writing and editing text

The following rules apply when writing text:

- ◆ Each key between  and  is assigned several letters and characters.
- ◆ Control the cursor with , , , . Press and **hold**  or  to move the cursor **word by word**.
- ◆ Characters are inserted to the left of the cursor.
- ◆ Press the star key  to display the table of special characters. Select the required character and press the display key **Insert** to insert the character at the cursor position.
- ◆ Press and **hold**  to  to enter digits.
- ◆ Press display key  to delete the **character** to the left of the cursor. Press and **hold** to delete the **word** to the left of the cursor.
- ◆ The first letter of the name of directory entries is automatically capitalised, followed by lower case letters.

Setting upper/lower case or digits

Repeatedly press the hash key  to change the text input mode.

| | |
|-----|---|
| 123 | Writing digits |
| Abc | Upper case (first letter in capitals, all others in lower case) |
| abc | Lower case |

The active mode is indicated at the bottom right of the screen.

Writing an SMS/names

Press the relevant key several times to enter letters/characters.

- ▶ Enter the individual letters/characters by pressing the corresponding key.

The characters assigned to the key are shown in a selection line at the bottom left of the screen. The selected character is highlighted.

- ▶ **Briefly** press the key several times in succession to select the required letter/character.

If you press and **hold** the key, the corresponding digit is inserted.

Standard characters

| | 1x | 2x | 3x | 4x | 5x | 6x | 7x | 8x | 9x | 10x |
|---|---|----|----|----|----|---|----|----|----|-----|
|  1 | 1 | | | | | | | | | |
|  2 abc | a | b | c | 2 | ä | á | à | â | ã | ç |
|  3 def | d | e | f | 3 | ë | é | è | ê | | |
|  4 ghi | g | h | i | 4 | ï | í | ì | î | | |
|  5 jkl | j | k | l | 5 | | | | | | |
|  6 mno | m | n | o | 6 | ö | ñ | ó | ò | ô | õ |
|  7pqrs | p | q | r | 7 | ß | | | | | |
|  8tuv | t | u | v | 8 | ü | ú | ù | û | | |
|  9wxyz | w | x | y | 9 | ÿ | ý | æ | ø | å | |
|  0... |  ¹⁾ | . | , | ? | ! |  ²⁾ | 0 | | | |

- 1) Space
- 2) Line break

Using Gigaset QuickSync – additional functions via the PC interface

You can connect your base to your computer via Bluetooth (page 99) or via the Ethernet cable supplied. To use the Bluetooth connection, your PC must be equipped with a suitable dongle and Bluetooth must be activated on the base.

Please note

It is not possible to have two parallel connections active between the PC and base via Bluetooth and LAN.

The "Gigaset QuickSync" program (found on the enclosed CD) provides you with a convenient interface for communicating with the base.


- Install this program on your PC.

Here are some of the functions that will then be available to you:

- ◆ Reading service information, e.g., firmware version, serial number, manufacturer, MAC address of the base.
- ◆ Synchronising the directory on your base with your PC's Outlook contacts.
- ◆ Transferring images as screensavers/caller pictures from the PC to the resource directory on the base.
- ◆ Downloading sounds (ringer melodies) from the PC to the base.

Data transfer

During the transfer of data between the base and PC, the message **Data transfer in progress** is shown on the display.

Any incoming calls are ignored during this time. You can use the red end key  to cancel the data transfer. You cannot enter anything else via the keypad while data transfer is in progress.

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```

```
Copyright (C) <year> <name of author>
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```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the library 'Frob' (a library for tweak-
ing knobs) written by James Random Hacker.
<signature of Ty Coon>, 1 April 1990, Ty Coon,
President of Vice
```

Glossary

A

Authentication

Restriction of access to a network/service by using an ID and password to log in.

Automatic ringback

See **Ringback when the number is busy**.

B

Block dialling

Enter the complete phone number, and correct it if necessary. Then pick up the receiver or press the speaker key to dial the phone number.

Broadband Internet access

See **DSL**.

C

Call divert

= CD

Automatic diversion (CD) of a call to a different telephone number. There are three kinds of call divert:

- CDU, Call Divert Unconditional
- CDB, Call Divert Busy
- CDNR, Call Divert No Reply

Call swapping

Call swapping allows you to switch between two callers or between a conference and an individual caller without allowing the waiting caller to listen to the call.

Call waiting

= CW

Network provider feature. A beep during a call indicates that another caller is waiting. You can accept or reject the second call. You can activate/deactivate the feature.

Client

Application that requests a service from a server.

Codec

Coder/decoder

Codec is a procedure that digitalises and compresses analogue voice before it is sent via the Internet, and decodes – i.e., translates into analogue voice – digital data when voice packets are received. There are different codecs, with differing degrees of compression, for instance.

Both parties involved in the telephone connection (caller/sender and recipient) must use the same codec. This is negotiated between the sender and the recipient when establishing a connection.

The choice of codec is a compromise between voice quality, transmission speed and the necessary bandwidth. A high level of compression, for example, means that the bandwidth required for each voice connection is low. However, it also means that the time needed to compress/decompress the data is greater, which increases execution time for data in the network and thus impairs voice quality. The time required increases the delay between the sender speaking and the recipient hearing what has been said.

COLP/COLR

Connected Line Identification Presentation/Restriction

Feature provided by a ISDN connection for outgoing calls.

COLP displays the phone number accepting the call on the calling party's display unit.

The number of the party accepting the call is different to the dialled number, e.g., if the call is diverted or transferred.

The called party can use COLR (Connected Line Identification Restriction) to prevent the number from appearing on the calling party's display.

Consultation call

You are on a call. With a consultation call, you interrupt the conversation briefly to establish a second connection to another participant. If you end the connection to this participant immediately, then this was a consultation call. If you switch between the first and second participant, it is called **Call swapping**.

D

DHCP

Dynamic Host Configuration Protocol

Internet protocol that handles the automatic assignment of **IP addresses** to **Network subscribers**. The protocol is made available in the network by a server. A DHCP server can, for example, be a router.

The phone contains a DHCP client. A router that contains a DHCP server can assign the IP addresses for the phone automatically from a defined address block. The dynamic assignment means that several **Network subscribers** can share one IP address, although they use it alternately and not simultaneously.

With some routers you can specify that the IP address for the phone is never changed.

DMZ (Demilitarised Zone)

DMZ describes a part of a network that is outside the firewall.

A DMZ is set up, as it were, between a network you want to protect (e.g., a LAN) and a non-secure network (e.g., the Internet). A DMZ permits unrestricted access from the Internet to only one or a few network components, while the other network components remain secure behind the firewall.

DNS

Domain Name System

Hierarchical system that permits the assignment of **IP addresses** to **Domain names** that are easier to memorise. This assignment has to be managed by a local DNS server in each (W)LAN. The local DNS server determines the IP address, if necessary by enquiring about superordinate DNS servers and other local DNS servers on the Internet.

You can specify the IP address of the primary/secondary DNS server.

See also: **DynDNS**.

Domain name

Name of one (of several) web server(s) on the Internet. The domain name is assigned to the relevant IP address by DNS.

DSL

Digital Subscriber Line

Data transfer technology that allows Internet access with e.g., **1.5 Mbps** over a conventional telephone line. Prerequisites: DSL modem and the appropriate service offered by the Internet provider.

DSLAM

Digital Subscriber Line Access Multiplexer

The DSLAM is a switch cabinet in an exchange at which all subscriber connectors converge.

DTMF

Dual Tone Multi-Frequency

Dynamic IP address

A dynamic IP address is assigned to a network component automatically via **DHCP**. The dynamic IP address for a network component can change every time it registers or at certain time intervals.

See also: **Fixed IP address**

Glossary

DynDNS

Dynamic DNS

Domain names and IP addresses are assigned via **DNS**. For **Dynamic IP addresses** this service is enhanced with "Dynamic DNS". This permits the use of a network component with a dynamic IP address as a **Server** on the **Internet**. DynDNS ensures that a service can always be addressed on the Internet under the same **Domain name**, regardless of the current IP address.

E

ECT

Explicit Call Transfer

Participant A calls participant B. The participant puts the connection on hold and calls participant C. Rather than connect everyone in a three-party conference, A now transfers participant B to C and hangs up.

EEPROM

Electrically Erasable Programmable Read Only Memory

Memory building block in your phone with fixed data (e.g., default and customised settings) and data saved automatically (e.g., call list entries).

Ethernet network

Wired **LAN**.

F

Firewall

You can use a firewall to protect your network against unauthorised external access. This involves combining various measures and technologies (hardware and/or software) to control the flow of data between a private network you wish to protect and an unprotected network (e.g., the Internet).

See also: **NAT**.

Firmware

Device software in which basic information is saved for the functioning of a device. To correct errors or update the device software, a new version of the firmware can be loaded into the device's memory (firmware update).

Fixed IP address

A fixed IP address is assigned to a network component manually during network configuration. Unlike the **Dynamic IP address**, a fixed IP address does not change.

Flat rate

Billing system for an **Internet** connection. The Internet provider charges a set monthly fee. There are no additional charges for the duration of the connection or number of connections.

Full duplex

Data transmission is a mode in which data can be sent and received at the same time.

G

G.711 a law, G.711 μ law

Standard for a **Codec**.

G.711 delivers a very good voice quality that corresponds to that in the ISDN network. As there is little compression, the necessary bandwidth is around 64 kbit/s per voice connection, but the delay caused by coding/decoding is only approx. 0.125 ms.

"a law" describes the European standard and " μ law" describes the North American/Japanese equivalent.

G.722

Standard for a **Codec**.

G.722 is a **broadband** language codec with a bandwidth of 50 Hz to 7 kHz, a net transmission rate of 64 kbit/s per voice connection and integrated speech pause recognition and comfort noise generation (silence suppression).

G.722 delivers very good voice quality. A higher sampling rate provides clearer and better voice quality than with other codecs and enables a speech tone in High Definition Sound Performance (HDSP).

G.726

Standard for a **Codec**.

G.726 delivers a good voice quality. It is inferior to the quality with codec **G.711** but better than with **G.729**.

G.729A/B

Standard for a **Codec**.

The voice quality is more likely to be lower with G.729A/B. As a result of the high level of compression, the necessary bandwidth is only around 8 kbit/s per voice connection, but the delay is around 15 ms.

Gateway

Connects two different **Networks**, e.g., a router as an Internet gateway.

Global IP address

See **IP address**.

GSM

Global System for Mobile Communication

Originally, a European standard for mobile networks. GSM can now be described as a worldwide standard. However, in the USA and Japan, national standards were previously more frequently supported.

H**Headset**

Combination of microphone and headphone. A headset enables a comfortable hands free mode. Headsets that can be connected to the base via a cable (wire-bound) or via Bluetooth (wireless) are available.

HTTP Proxy

Server via which the **Network subscribers** can process their Internet traffic.

I**IEEE**

Institute of Electrical and Electronics Engineers
International body that defines standards in electronics and electrical engineering, concerned in particular with the standardisation of LAN technology, transmission protocols, data transfer rate and wiring.

Infrastructure network

Network with central structure: All **Network subscribers** communicate via a central **Router**.

Internet

Global **WAN**. A series of protocols known as TCP/IP have been defined for exchanging data.

All **Network subscribers** are identifiable via their **IP address**. **DNS** assigns a **Domain name** to the **IP address**.

Important services on the Internet include the World Wide Web (WWW), e-mail, file transfer and discussion forums.

Internet Service Provider

Enables access to the Internet for a fee.

IP (Internet Protocol)

TCP/IP protocol on the **Internet**. IP is responsible for addressing subscribers in a **Network** using **IP addresses** and routes data from the sender to the recipient. IP determines the paths (routing) along which the data packets travel.

IP address

A unique address for a network component within a network based on the TCP/IP protocols (e.g., LAN, Internet). On the **Internet**, domain names are usually assigned instead of IP addresses. **DNS** assigns the corresponding IP address to the domain name.

The IP address has four parts (decimal numbers between 0 and 255) separated by full stops (e.g., 230.94.233.2).

The IP address is made up of the network number and the number of the **Network subscriber** (e.g., phone). Depending on the **Subnet mask**, the first one, two or three parts make up the network number and the rest of the IP address addresses the network component. The network number of all the components in any one network must be identical.

IP addresses can be assigned automatically with DHCP (dynamic IP addresses) or manually (static IP addresses).

See also: **DHCP**.

IP pool range

Range of IP addresses that the DHCP server can use to assign dynamic IP addresses.

L

LAN

Local Area Network

Network with a restricted physical range. A LAN can be wireless (WLAN) and/or wired.

Local IP address

The local or private IP address is the address for a network component in the local network (LAN). The network operator can assign any address he or she wants. Devices that act as a link from a local network to the Internet (gateway or router) have a public and a private IP address.

See also **IP address**.

M

MAC address

Media Access Control address

Hardware address by means of which each network device (e.g., network card, switch, phone) can be uniquely identified worldwide. It consists of six parts (hexadecimal numbers) separated by "-" (e.g., 00-90-65-44-00-3A).

The MAC address is assigned by the manufacturer and cannot be changed.

Mbps

Million bits per second

Unit of the transmission speed in a network.

MSN

Multiple Subscriber Number. You can request up to 10 different telephone numbers for the ISDN multiple connection. An MSN is one of the phone numbers assigned to you without the local area code.

Your telephone uses the MSN in line with your requirements, as a receive connection and/or send connection.

Music on hold

Music that is played while you are on a **Consultation call** or during **Call swapping**. The waiting participant hears music while on hold.

N

NAT

Network Address Translation

Method for converting (private) **IP addresses** to one or more (public) IP addresses. NAT enables the IP addresses of **Network subscribers** (e.g., your telephone) in a **LAN** concealed behind a shared IP address for the **Routers** on the **Internet**.

Network

Group of devices. Devices can be connected in either wired or wireless mode.

Networks can also differ in range and structure:

- Range: Local networks (**LAN**) or wide-area networks (**WAN**)
- Structure: **Infrastructure network** or ad-hoc network

Network subscriber

Devices and PCs that are connected to each other in a network e.g., servers, PCs and phones.

P

Paging (handset search)

Base function for locating the registered handsets. The base establishes a connection to every registered handset. The handsets start to ring.

PIN

Personal Identification Number

Protects against unauthorised use. When the PIN is activated, a number combination has to be entered to access a protected area.

You can protect your base configuration data with a system PIN (4-digit number combination).

Port

Data is exchanged between two applications in a **Network** via a port.

Port forwarding

The Internet gateway (e.g., your router) forwards data packets from the **Internet** that are directed to a certain **Port** to the port concerned. This allows servers in the **LAN** to offer services on the Internet without you needing a public IP address.

Port number

Indicates a specific application of a **Network subscriber**. Depending on the setting in the **LAN**, the port number is permanently assigned or it is assigned with each access.

The combination of **IP address/Port** number uniquely identifies the recipient or sender of a data packet within a network.

Pre-dialling

See **Block dialling**.

Private IP address

See **Public IP address**.

Protocol

Describes the agreements for communicating within a **Network**. It contains rules for opening, administering and closing a connection, about data formats, time frames and possible error handling.

Public IP address

The public IP address is the address for a network component on the Internet. It is assigned by the Internet Service Provider. Devices that act as a link from a local network to the Internet (gateway, router) have a public and a local IP address.

See also: **IP address, NAT**

R**RAM**

Random Access Memory

Memory in which you have reading and storage rights. Items such as melodies and logos are saved in the RAM after you have loaded them onto the phone via the Web configurator.

Ringback when the call is not answered

= CCNR (Completion of calls on no reply).

If a party does not reply when called, a caller can arrange an automatic ringback. As soon as the destination phone has completed a call and is free again, the caller is called back. This feature must be supported by the exchange. The ringback request is automatically cancelled after about two hours (depending on the network provider).

Ringback when the number is busy

= CCBS (Completion of calls to busy subscriber). If a caller hears the busy tone, he or she can activate the ringback function. As soon as the connection is free, the caller is called back. As soon as the caller lifts the receiver, the connection is made automatically.

ROM

Read Only Memory

A type of memory that can only be read.

Router

Routes data packets within a network and between different networks via the quickest route. Can connect **Ethernet networks** and WLAN. Can be a **Gateway** to the Internet.

Routing

Routing is the transfer of data packets to another subscriber in your network. On their way to the recipient, the data packets are sent from one router to the next until they reach their destination.

If data packets were not forwarded in this way, a network like the Internet would not be possible. Routing connects the individual networks to this global system.

A router is a part of this system; it transfers data packets both within a local network and from one network to the next. Transfer of data from one network to another is performed on the basis of a common protocol.

S

Server

Provides a service to other **Network subscribers** (**Clients**). The term can indicate a computer/PC or an application. A server is addressed via **IP address/Domain name** and **Port**.

Static IP address

See **Fixed IP address**.

Subnet

Segment of a **Network**.

Subnet mask

IP addresses consist of a fixed line number and a variable subscriber number. The network number is identical for all **Network subscribers**. The size of the network number part is determined in the subnet mask. In the subnet mask 255.255.255.0, for example, the first three parts of the IP address are the network number and the last part is the subscriber number.

Symmetric NAT

A symmetric NAT assigns different external IP addresses and port numbers to the same internal IP addresses and port numbers – depending on the external target address.

T

TCP

Transmission Control Protocol

Transport protocol. Session-based transmission protocol: it sets up, monitors and terminates a connection between sender and recipient for transporting data.

TLS

Transport Layer Security

Protocol for encrypting data transmissions on the Internet. TLS is a superordinated **Transport protocol**.

Transmission rate

Speed at which data is transmitted in the **WAN** or **LAN**. The transmission rate is measured in data units per unit of time (Mbit/s).

Transport protocol

Controls data transport between two communication partners (applications).

See also: **UDP**, **TCP**, **TLS**.

U

UDP

User Datagram Protocol

Transport protocol. Unlike **TCP**, **UDP** is a non session-based protocol. UDP does not establish a fixed connection. The data packets ("datagrams") are sent as a broadcast. The recipient is solely responsible for making sure the data is received. The sender is not notified about whether it is received or not.

URL

Universal Resource Locator

Globally unique address of a domain on the **Internet**.

URLs identify a resource by its location on the **Internet**. For historical reasons the term is often used as a synonym for URI.

User name

User ID

Name/number combination for access e.g., to your private address directory on the Internet.

V

Voice codec

See **Codec**.

W

WAN

Wide Area Network

Wide-area network that is unrestricted in terms of area (e.g., **Internet**).

Accessories

Handsets

Upgrade your telephone to a cordless PABX:

Gigaset SL400 handset

- ◆ Genuine metal frame and keypad
- ◆ High-quality keypad illumination
- ◆ 1.8" TFT colour display
- ◆ Bluetooth® and mini USB
- ◆ Directory for up to 500 vCards
- ◆ Talk/standby time of up to 14 h/230 h
- ◆ Large font for call lists and directory
- ◆ Brilliant sound quality in handsfree mode:
4 handsfree settings
- ◆ Caller pictures, slideshow and screensaver
(analogue and digital clock)
- ◆ Silent alert, download ringer melodies
- ◆ ECO DECT
- ◆ Calendar with appointment scheduler
- ◆ Night mode with time-controlled ringer deactivation
- ◆ No interruptions from anonymous calls
- ◆ Room monitor
- ◆ SMS with up to 640 characters



Aton CL315/CLT315 handset with charging cradle

- ◆ Illuminated graphic colour display (65k colours)
- ◆ Illuminated keypad
- ◆ Handsfree mode
- ◆ Polyphonic ringer melodies
- ◆ Directory for approx. 500 entries
- ◆ Caller picture
- ◆ SMS (prerequisite: CLIP must be enabled)
- ◆ PC interface e.g., for managing directory entries,
ringers and screensavers
- ◆ Bluetooth
- ◆ Headset socket
- ◆ Room monitor



Accessories

Gigaset C59H handset white

- ◆ Social life management with room monitor and birthday reminders
- ◆ Individual programming of ringers with 6 VIP groups
- ◆ High-quality keypad with illumination
- ◆ 1.8" TFT colour display
- ◆ Directory for up to 150 vCards
- ◆ Talk/standby time of up to 12 h/180 h, standard batteries
- ◆ Large font for call lists and directory
- ◆ Brilliant sound quality in handsfree mode
- ◆ Screensaver (digital clock)
- ◆ ECO DECT
- ◆ Alarm clock
- ◆ No interruptions from anonymous calls
- ◆ SMS with up to 640 characters



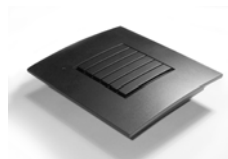
Gigaset SL78H handset

- ◆ Illuminated graphic colour display (256k colours)
- ◆ Illuminated keypad
- ◆ Handsfree mode
- ◆ Polyphonic ringer melodies
- ◆ Directory for approx. 500 entries
- ◆ Caller picture
- ◆ SMS (prerequisite: CLIP must be enabled)
- ◆ PC interface e.g., for managing directory entries, ringers and screensavers
- ◆ Bluetooth
- ◆ Room monitor



RTX 4002 Repeater

The repeater can be used to increase the reception range from your handset to the base station.



All accessories and batteries are available from your phone retailer or on the following website:
www.swisscom.ch/onlineSHOP.

Only use original accessories. This will avoid possible health risks and damage to property, and also ensure that all the relevant regulations are complied with.

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